```
sec36353@raspberrypi2025:~ $ pwd
/home/sec36353
sec36353@raspberrypi2025:~ $ ls
historytxt  PL
sec36353@raspberrypi2025:~ $ cd PL
sec36353@raspberrypi2025:~/PL $ ls
trab1  trab2
sec36353@raspberrypi2025:~/PL $ mkdir trab3
sec36353@raspberrypi2025:~/PL $ ls
trab1  trab2  trab3
sec36353@raspberrypi2025:~/PL $ cd trab3
sec36353@raspberrypi2025:~/PL/trab3 $ head 24 /etc/services < p24
-bash: p24: No such file or directory
sec36353@raspberrypi2025:~/PL/trab3 $ head -n 24 /etc/services > p24
sec36353@raspberrypi2025:~/PL/trab3 $ ls
p24
sec36353@raspberrypi2025:~/PL/trab3 $ tail -n 35 /etc/services > u35
sec36353@raspberrypi2025:~/PL/trab3 $ ls
p24  u35
sec36353@raspberrypi2025:~/PL/trab3 $ w /etc/mine.types~
 16:42:21 up 73 days, 23:27,  3 users,  load average: 0.00, 0.00, 0.00
USER     TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
sec36353@raspberrypi2025:~/PL/trab3 $ wc /etc/mime.types
 2286  3992 73816 /etc/mime.types
sec36353@raspberrypi2025:~/PL/trab3 $ wc -/etc/mime.types
wc: invalid option -- '/'
Try 'wc --help' for more information.
sec36353@raspberrypi2025:~/PL/trab3 $ WC
-bash: WC: command not found
sec36353@raspberrypi2025:~/PL/trab3 $ wc -L /etc/mimes.types
wc: /etc/mimes.types: No such file or directory
sec36353@raspberrypi2025:~/PL/trab3 $ WC -L /etc/mime.types
-bash: WC: command not found
sec36353@raspberrypi2025:~/PL/trab3 $ wc -L /etc/mime.types
104 /etc/mime.types
sec36353@raspberrypi2025:~/PL/trab3 $ wc /etc/*conf 2> /dev/null
     97     390    3040 /etc/adduser.conf
    153     216    6105 /etc/ca-certificates.conf
      0       0       0 /etc/dconf
     83     485    2969 /etc/debconf.conf
     41     252    1706 /etc/deluser.conf
     25     112     685 /etc/e2scrub.conf
     17     124     694 /etc/fuse.conf
     65     414    2584 /etc/gai.conf
      1       2       9 /etc/host.conf
     10      28     171 /etc/idmapd.conf
      1       1      14 /etc/kernel-img.conf
      2       2      34 /etc/ld.so.conf
      7      29     191 /etc/libaudit.conf
     23      82     494 /etc/logrotate.conf
     45     108     782 /etc/mke2fs.conf
    101     180    1443 /etc/nfs.conf
     15      39     243 /etc/nftables.conf
     20      63     526 /etc/nsswitch.conf
     15      59     552 /etc/pam.conf
    114     218    2668 /etc/paxctld.conf
      2       2      57 /etc/pip.conf
     41     241    1787 /etc/request-key.conf
      4      10     100 /etc/resolv.conf
    536    1627   10593 /etc/sensors3.conf
    131     685    4343 /etc/sudo.conf
    251    1617    9804 /etc/sudo_logsrvd.conf
     68     304    2355 /etc/sysctl.conf
     39     218    1260 /etc/ucf.conf
```

```
     40     229    1523 /etc/usb_modeswitch.conf
     22      88     681 /etc/xattr.conf
   1969    7825   57413 total
sec36353@raspberrypi2025:~/PL/trab3 $ split -l 25 /etc/services rc
sec36353@raspberrypi2025:~/PL/trab3 $ cat  rc >rc.services
cat: rc: No such file or directory
sec36353@raspberrypi2025:~/PL/trab3 $ cat rc* > rc.services
cat: rc.services: input file is output file
sec36353@raspberrypi2025:~/PL/trab3 $ ls
p24  rcaa  rcab  rcac  rcad  rcae  rcaf  rcag  rcah  rcai  rcaj  rcak  rcal
rcam  rcan  rcao  rc.services  u35
sec36353@raspberrypi2025:~/PL/trab3 $ cat rc* > rc.services
cat: rc.services: input file is output file
sec36353@raspberrypi2025:~/PL/trab3 $ cat rc?? > rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ ls
p24  rcaa  rcab  rcac  rcad  rcae  rcaf  rcag  rcah  rcai  rcaj  rcak  rcal
rcam  rcan  rcao  rc.services  u35
sec36353@raspberrypi2025:~/PL/trab3 $ wc -l rc.services
361 rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ wc -l /etc/services
361 /etc/services
sec36353@raspberrypi2025:~/PL/trab3 $ ls
p24  rcaa  rcab  rcac  rcad  rcae  rcaf  rcag  rcah  rcai  rcaj  rcak  rcal
rcam  rcan  rcao  rc.services  u35
sec36353@raspberrypi2025:~/PL/trab3 $ touch aTeste.html
sec36353@raspberrypi2025:~/PL/trab3 $ find / -name "a*html 2> /dev/null
> ls
>
> ^C
sec36353@raspberrypi2025:~/PL/trab3 $ ls
aTeste.html  rcaa  rcac  rcae  rcag  rcai  rcak  rcam  rcao         u35
p24          rcab  rcad  rcaf  rcah  rcaj  rcal  rcan  rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ find / -name "a*html" 2> /dev/null
/home/sec29471/SO/PL/trab3/aTeste.html
/home/ersc36394/PL/trab3/atest.html
/home/sec36374/so/PL/trabalho3/aTeste.html
/home/ei35677/PL/trab3/atest.html
/home/ecgm34911/SO/PL/trab3/ateste.html
/home/jevaristoa/SO_ECGM/PL/trab3/ateste.html
/home/ersc36806/PL/trab3/atest.html
/home/ersc36924/PL/trab3/atest.html
/home/ersc35261/PL/trab3/atest.html
/home/ei35756/SO/PL/trab3/ateste.html
/home/ersc29665/PL/trab3/atest.html
/home/ei35767/PL/trab3/atest.html
/home/ersc33860/PL/Trab3/atest.html
/home/ei35892/SO/PL/trab3/atest.html
/home/ei35729/SO/PL/trab3/atest.html
/home/ei35785/SO/PL/trab3/atest.html
/home/ersc30775/PL/trab3/atest.html
/home/ei31431/SO/PL/trab3/ateste.html
/home/ei35779/SO/PL/trab3/atest.html
/home/sec36360/PL/trab3/aTeste.html
/home/sec36360/aTeste.html
/home/ersc31803/PL/trab3/atest.html
/home/ecgm30118/SO/PL/trab3/aTeste.html
/home/ei35763/SO/PL/trab3/atest.html
/home/ei35763/SO/PL/trab3/atest1.html
/home/ersc33852/PL/trab3/atest.html
/home/ecgm36663/atest.html
/home/ecgm36663/PL/trab3/atest.html
/home/ei35951/PL/trab3/ateste.html
/home/ei36652/PL/trab3/atest.html
/home/ei35748/SO/PL/trab3/atest.html
```

/home/ersc30383/PL/trab3/atest.html
/home/sec36364/PL/trab3/aTeste.html
/home/ersc36807/PL/trab3/ateste.html
/home/ecgm32104/SO/PL/trab3/atest.html
/home/ersc32770/PL/trab3/atest.html
/home/ei35755/PL/trab3/ateste.html
/home/sec36363/SO/PL/trab3/aTeste.html
/home/sec36375/SO/PL/trab3/aTeste.html
/home/ei35790/SO/PL/trab3/atest.html
/home/ecgm36721/PL/trab3/ateste.html
/home/ersc36805/PL/trab3/atest.html
/home/ei35786/SO/PL/trab3/atest.html
/home/ei35848/PL/trab3/atest:html
/home/ei33263/PL/trab3/atest.html
/home/ei35777/SO/PL/trab3/atest.html
/home/ecgm31443/PL/trab3/atest.html
/home/ersc34573/PL/trab3/atest.html
/home/ersc33644/PL/trab3/atest.html
/home/ecgm37146/PL/trab3/atest.html
/home/ei36611/SO/PL/trab3/atest.html
/home/ersc33863/PL/trab3/ateste.html
/home/ersc36661/PL/trab3/atest.html
/home/sec36353/PL/trab3/aTeste.html
/home/ei35750/SO/PL/trab3/atest.html
/home/sec36359/SO/PL/trab3/aTeste.html
/home/ei35789/PL/trab3/atest.html
/usr/lib/python3/dist-packages/matplotlib/backends/web_backend/all_figures.html
/usr/share/doc/fonts-sil-andika/documentation/about.html
/usr/share/doc/fonts-sil-andika/documentation/source/pdftemp/about.html
/usr/share/doc/fonts-sil-gentiumplus/documentation/about.html
/usr/share/doc/fonts-sil-gentiumplus/documentation/source/pdftemp/about.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
alltt.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
accents.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
arabic.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
acromake.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
amsthm.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
afterpage.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/latex2e/macro/
array.html
/usr/share/doc/texlive-doc/generic/tex-virtual-academy-pl/prog/auctex.html
/usr/share/doc/texlive-doc/latex/greek-fontenc/alphabeta.sty.html
/usr/share/doc/texlive-doc/latex/greek-fontenc/alphabeta-tuenc.def.html
/usr/share/doc/texlive-doc/latex/greek-fontenc/alphabeta-lgr.def.html
/usr/share/doc/texlive-doc/latex/apa/apacls.html
/usr/share/doc/texlive-doc/latex/bosisio/accenti.html
/usr/share/doc/texlive-doc/fonts/gentium-tug/GentiumPlus-6.101/documentation/
about.html
/usr/share/doc/texlive-doc/fonts/gentium-tug/GentiumPlus-6.101/documentation/
source/pdftemp/about.html
/usr/share/doc/acct/html/ac.html
/usr/share/doc/acct/html/accton.html
/usr/share/doc/texinfo/html/allowcodebreaks.html
/usr/share/doc/texinfo/html/alias.html
/usr/share/doc/texinfo/html/anchor.html
/usr/share/doc/texinfo/html/acronym.html
/usr/share/doc/texinfo/html/abbr.html
/usr/share/doc/fonts-sil-charis/documentation/about.html
/usr/share/doc/fonts-sil-charis/documentation/source/pdftemp/about.html

```
/usr/share/doc/asymptote/html/add.html
/usr/share/doc/asymptote/html/automatic-scaling.html
/usr/share/doc/asymptote/html/animate.html
/usr/share/doc/asymptote/html/array-iteration.html
/usr/share/doc/asymptote/html/annotate.html
/usr/share/doc/asymptote/html/arrows.html
/usr/share/doc/asymptote/html/add-about.html
/usr/share/doc/asymptote/html/animation.html
sec36353@raspberrypi2025:~/PL/trab3 $ ls
aTeste.html  rcaa  rcac  rcae  rcag  rcai  rcak  rcam  rcao         u35
p24          rcab  rcad  rcaf  rcah  rcaj  rcal  rcan  rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ find /etc -name "*conf" -exec cp
aTeste.html  rcab         rcae         rcah         rcak         rcan
u35
p24          rcac         rcaf         rcai         rcal         rcao
rcaa         rcad         rcag         rcaj         rcam         rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ find /etc -name "*conf" -exec cp
aTeste.html  rcab         rcae         rcah         rcak         rcan
u35
p24          rcac         rcaf         rcai         rcal         rcao
rcaa         rcad         rcag         rcaj         rcam         rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ find /etc -name "*conf" -exec c {} . \; 2>
/dev/null
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r "stddef" /usr/include/*.h
/usr/include/alloca.h:#include <stddef.h>
/usr/include/curses.h:#include <stddef.h>       /* we want wchar_t */
/usr/include/dirent.h:# include <stddef.h>
/usr/include/dlfcn.h:#include <stddef.h>
/usr/include/gconv.h:#include <stddef.h>
/usr/include/glob.h:/* The GNU CC stddef.h version defines __size_t as empty.
We need a real
/usr/include/grp.h:#include <stddef.h>
/usr/include/grp.h:# include <stddef.h>
/usr/include/gshadow.h:#include <stddef.h>
/usr/include/iconv.h:#include <stddef.h>
/usr/include/inttypes.h:#  include <stddef.h>
/usr/include/libintl.h:# include <stddef.h>
/usr/include/locale.h:#include <stddef.h>
/usr/include/malloc.h:#include <stddef.h>
/usr/include/monetary.h:#include <stddef.h>
/usr/include/ncurses.h:#include <stddef.h>      /* we want wchar_t */
/usr/include/nss.h:#include <stddef.h>
/usr/include/obstack.h:   namespace with <stddef.h>'s symbols.  Otherwise,
include <stddef.h>
/usr/include/obstack.h:# include <stddef.h>
/usr/include/pigpio.h:#include <stddef.h>
/usr/include/printf.h:#include <stddef.h>
/usr/include/pwd.h:#include <stddef.h>
/usr/include/sched.h:#include <stddef.h>
/usr/include/search.h:#include <stddef.h>
/usr/include/shadow.h:#include <stddef.h>
/usr/include/signal.h:# include <stddef.h>
/usr/include/stdio.h:#include <stddef.h>
/usr/include/stdlib.h:/* Get size_t, wchar_t and NULL from <stddef.h>.  */
/usr/include/stdlib.h:#include <stddef.h>
/usr/include/string.h:/* Get size_t and NULL from <stddef.h>.  */
/usr/include/string.h:#include <stddef.h>
/usr/include/strings.h:#include <stddef.h>
/usr/include/time.h:#include <stddef.h>
/usr/include/uchar.h:#include <stddef.h>
/usr/include/unistd.h:#include <stddef.h>
/usr/include/wchar.h:#include <stddef.h>
/usr/include/wordexp.h:#include <stddef.h>
/usr/include/zconf.h:#    include <stddef.h>
```

```
/usr/include/zconf.h:#    include <stddef.h>         /* for wchar_t */
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r "^typedef struct" /usr/include/*.h
/usr/include/clif.h:typedef struct CLIF_option_struct CLIF_option;
/usr/include/clif.h:typedef struct CLIF_argument_struct CLIF_argument;
/usr/include/curses.h:typedef struct screen  SCREEN;
/usr/include/curses.h:typedef struct _win_st WINDOW;
/usr/include/curses.h:typedef struct
/usr/include/curses.h:typedef struct
/usr/include/dirent.h:typedef struct __dirstream DIR;
/usr/include/dlfcn.h:typedef struct
/usr/include/dlfcn.h:typedef struct
/usr/include/dlfcn.h:typedef struct
/usr/include/elf.h:typedef struct
/usr/include/elf.h:typedef struct
/usr/include/elf
```

```
/usr/include/fts.h:typedef struct _ftsent {
/usr/include/fts.h:typedef struct _ftsent64 {
/usr/include/gconv.h:typedef struct __gconv_info
/usr/include/glob.h:typedef struct
/usr/include/glob.h:typedef struct
/usr/include/gnumake.h:typedef struct
/usr/include/inttypes.h:typedef struct
/usr/include/inttypes.h:typedef struct
/usr/include/mpc.h:typedef struct {
/usr/include/mpc.h:typedef struct {
/usr/include/mpc.h:typedef struct {
/usr/include/mpfr.h:typedef struct {
/usr/include/ncurses.h:typedef struct screen  SCREEN;
/usr/include/ncurses.h:typedef struct _win_st WINDOW;
/usr/include/ncurses.h:typedef struct
/usr/include/ncurses.h:typedef struct
/usr/include/panel.h:typedef struct panel
/usr/include/pigpiod_if2.h:typedef struct callback_s callback_t;
/usr/include/pigpiod_if2.h:typedef struct evtCallback_s evtCallback_t;
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if2.h:typedef struct
/usr/include/pigpiod_if.h:typedef struct callback_s callback_t;
/usr/include/pigpiod_if.h:typedef struct
/usr/include/pigpiod_if.h:typedef struct
/usr/include/pigpiod_if.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct { /*
linux/arch/arm/mach-bcm2708/include/mach/dma.h */
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct //
linux/arch/arm/mach-bcm2708/include/mach/dma.h
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pigpio.h:typedef struct
/usr/include/pthread.h:typedef struct
/usr/include/regex.h:typedef struct re_pattern_buffer regex_t;
/usr/include/regex.h:typedef struct
/usr/include/search.h:typedef struct entry
/usr/include/setjmp.h:typedef struct __jmp_buf_tag jmp_buf[1];
/usr/include/setjmp.h:typedef struct __jmp_buf_tag sigjmp_buf[1];
/usr/include/spawn.h:typedef struct
/usr/include/spawn.h:typedef struct
/usr/include/stdlib.h:typedef struct
/usr/include/stdlib.h:typedef struct
/usr/include/term_entry.h:typedef struct entry ENTRY;
```

```
/usr/include/term_entry.h:typedef struct {
/usr/include/term.h:typedef struct screen  SCREEN;
/usr/include/term.h:typedef struct termtype {   /* in-core form of terminfo data
*/
/usr/include/term.h:typedef struct termtype2 {  /* in-core form of terminfo data
*/
/usr/include/term.h:typedef struct term {              /* describe an actual
terminal */
/usr/include/thread_db.h:typedef struct td_thragent td_thragent_t;
/usr/include/thread_db.h:typedef struct td_thrhandle
/usr/include/thread_db.h:typedef struct td_thr_events
/usr/include/thread_db.h:typedef struct td_notify
/usr/include/thread_db.h:typedef struct td_event_msg
/usr/include/thread_db.h:typedef struct
/usr/include/thread_db.h:typedef struct td_ta_stats
/usr/include/thread_db.h:typedef struct td_thrinfo
/usr/include/tic.h:typedef struct {
/usr/include/wordexp.h:typedef struct
/usr/include/zlib.h:typedef struct z_stream_s {
/usr/include/zlib.h:typedef struct gz_header_s {
/usr/include/zlib.h:typedef struct gzFile_s *gzFile;    /* semi-opaque gzip file
descriptor */
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r ";$" /usr/include/*.h
/usr/include/aio.h:  struct aiocb *__next_prio;
/usr/include/aio.h:  int __abs_prio;
/usr/include/aio.h:  int __policy;
/usr/include/aio.h:  int __error_code;
/usr/include/aio.h:  __ssize_t __return_value;
/usr/include/aio.h:  char __pad[sizeof (__off64_t) - sizeof (__off_t)];
/usr/include/aio.h:  char __glibc_reserved[32];
/usr/include/aio.h:};
/usr/include/aio.h:  struct aiocb *__next_prio;
/usr/include/aio.h:  int __abs_prio;
/usr/include/aio.h:  int __policy;
/usr/include/aio.h:  int __error_code;
/usr/include/aio.h:  __ssize_t __return_value;
/usr/include/aio.h:  char __glibc_reserved[32];
/usr/include/aio.h:};
/usr/include/aio.h:    int aio_reserved;
/usr/include/aio.h:  };
/usr/include/aio.h:};
/usr/include/aio.h:};
/usr/include/aio.h:};
/usr/include/aio.h:extern void aio_init (const struct aioinit *__init) __THROW
__nonnull ((1));
/usr/include/aio.h:extern int aio_read (struct aiocb *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:extern int aio_write (struct aiocb *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:  __THROW __nonnull ((2));
/usr/include/aio.h:extern int aio_error (const struct aiocb *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:extern __ssize_t aio_return (struct aiocb *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:extern int aio_cancel (int __fildes, struct aiocb *__aiocbp)
__THROW;
/usr/include/aio.h:  __nonnull ((1));
/usr/include/aio.h:  __THROW __nonnull ((2));
/usr/include/aio.h:  __nonnull ((1));
/usr/include/aio.h:  __nonnull ((1));
/usr/include/aio.h:                          lio_listio64) __nonnull ((2));
/usr/include/aio.h:                          aio_error64) __nonnull ((1));
/usr/include/aio.h:                                aio_return64) __nonnull ((1));
/usr/include/aio.h:                          aio_cancel64);
```

```
/usr/include/aio.h:                          __aio_suspend_time64) __nonnull
((1));
/usr/include/aio.h:                          aio_suspend64) __nonnull ((1));
/usr/include/aio.h:                          aio_fsync64) __nonnull ((2));
/usr/include/aio.h:extern int aio_read64 (struct aiocb64 *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:extern int aio_write64 (struct aiocb64 *__aiocbp) __THROW
__nonnull ((1));
/usr/include/aio.h:  __THROW __nonnull ((2));
/usr/include/aio.h:  __THROW __nonnull ((1));
/usr/include/aio.h:  __THROW __nonnull ((1));
/usr/include/aio.h:extern int aio_cancel64 (int __fildes, struct aiocb64
*__aiocbp) __THROW;
/usr/include/aio.h:  __THROW __nonnull ((1));
/usr/include/aio.h:  __THROW __nonnull ((2));
/usr/include/aliases.h:    char *alias_name;
/usr/include/aliases.h:    size_t alias_members_len;
/usr/include/aliases.h:    char **alias_members;
/usr/include/aliases.h:    int alias_local;
/usr/include/aliases.h:  };
/usr/include/aliases.h:extern void setaliasent (void) __THROW;
/usr/include/aliases.h:extern void endaliasent (void) __THROW;
/usr/include/aliases.h:extern struct aliasent *getaliasent (void) __THROW;
/usr/include/aliases.h:                    struct aliasent **__restrict __result)
__THROW;
/usr/include/aliases.h:extern struct aliasent *getaliasbyname (const char
*__name) __THROW;
/usr/include/aliases.h:                      struct aliasent **__restrict
__result) __THROW;
/usr/include/alloca.h:extern void *alloca (size_t __size) __THROW;
/usr/include/argp.h:typedef int error_t;
/usr/include/argp.h:  const char *name;
/usr/include/argp.h:  int key;
/usr/include/argp.h:  const char *arg;
/usr/include/argp.h:  int flags;
/usr/include/argp.h:  const char *doc;
/usr/include/argp.h:  int group;
/usr/include/argp.h:};
/usr/include/argp.h:                                 struct argp_state *__state);
/usr/include/argp.h:  const struct argp_option *options;
/usr/include/argp.h:  argp_parser_t parser;
/usr/include/argp.h:  const char *args_doc;
/usr/include/argp.h:  const char *doc;
/usr/include/argp.h:  const struct argp_child *children;
/usr/include/argp.h:  char *(*help_filter) (int __key, const char *__text, void
*__input);
/usr/include/argp.h:  const char *argp_domain;
/usr/include/argp.h:};
/usr/include/argp.h:#define ARGP_KEY_HELP_EXTRA 0x2000004 /* After all other
documentation;
/usr/include/argp.h:  const struct argp *argp;
/usr/include/argp.h:  int flags;
/usr/include/argp.h:  const char *header;
/usr/include/argp.h:  int group;
/usr/include/argp.h:};
/usr/include/argp.h:  const struct argp *root_argp;
/usr/include/argp.h:  int argc;
/usr/include/argp.h:  char **argv;
/usr/include/argp.h:  int next;
/usr/include/argp.h:  unsigned flags;
/usr/include/argp.h:  unsigned arg_num;
/usr/include/argp.h:  int quoted;
/usr/include/argp.h:  void *input;
/usr/include/argp.h:  void **child_inputs;
```

```
/usr/include/argp.h:  void *hook;
/usr/include/argp.h:  char *name;
/usr/include/argp.h:};
/usr/include/argp.h:                        void *__restrict __input);
/usr/include/argp.h:                          void *__restrict __input);
/usr/include/argp.h:extern const char *argp_program_version;
/usr/include/argp.h:                                            __state);
/usr/include/argp.h:extern const char *argp_program_bug_address;
/usr/include/argp.h:extern error_t argp_err_exit_status;
/usr/include/argp.h:                    unsigned __flags, char *__restrict
__name);
/usr/include/argp.h:                      char *__name);
/usr/include/argp.h:                          unsigned int __flags);
/usr/include/argp.h:                            unsigned int __flags);
/usr/include/argp.h:extern void argp_usage (const struct argp_state *__state);
/usr/include/argp.h:extern void __argp_usage (const struct argp_state *__state);
/usr/include/argp.h:     __attribute__ ((__format__ (__printf__, 2, 3)));
/usr/include/argp.h:     __attribute__ ((__format__ (__printf__, 2, 3)));
/usr/include/argp.h:     __attribute__ ((__format__ (__printf__, 4, 5)));
/usr/include/argp.h:     __attribute__ ((__format__ (__printf__, 4, 5)));
/usr/include/argp.h:extern int _option_is_short (const struct argp_option
*__opt) __THROW;
/usr/include/argp.h:extern int __option_is_short (const struct argp_option
*__opt) __THROW;
/usr/include/argp.h:extern int _option_is_end (const struct argp_option *__opt)
__THROW;
/usr/include/argp.h:extern int __option_is_end (const struct argp_option *__opt)
__THROW;
/usr/include/argp.h:     __THROW;
/usr/include/argp.h:     __THROW;
/usr/include/argp.h:  __argp_state_help (__state, stderr, ARGP_HELP_STD_USAGE);
/usr/include/argp.h:    return 0;
/usr/include/argp.h:      int __key = __opt->key;
/usr/include/argp.h:      return __key > 0 && __key <= UCHAR_MAX && isprint
(__key);
/usr/include/argp.h:  return !__opt->key && !__opt->name && !__opt->doc && !
__opt->group;
/usr/include/argz.h:typedef int error_t;
/usr/include/argz.h:                            size_t *__restrict __len) __THROW;
/usr/include/argz.h:                          size_t *__restrict __len) __THROW;
/usr/include/argz.h:                              size_t *__restrict __len)
__THROW;
/usr/include/argz.h:     __THROW __attribute_pure__;
/usr/include/argz.h:     __THROW __attribute_pure__;
/usr/include/argz.h:                          char **__restrict __argv) __THROW;
/usr/include/argz.h:                        char **__restrict __argv) __THROW;
/usr/include/argz.h:extern void __argz_stringify (char *__argz, size_t __len,
int __sep) __THROW;
/usr/include/argz.h:extern void argz_stringify (char *__argz, size_t __len, int
__sep) __THROW;
/usr/include/argz.h:     __THROW;
/usr/include/argz.h:                          const char *__restrict __str) __THROW;
/usr/include/argz.h:     __THROW;
/usr/include/argz.h:                          char *__restrict __entry) __THROW;
/usr/include/argz.h:                             const char *__restrict __entry)
__THROW;
/usr/include/argz.h:                              unsigned int *__restrict
__replace_count);
/usr/include/argz.h:    char *entry = 0;
/usr/include/argz.h:      ...;
/usr/include/argz.h:    char *entry;
/usr/include/argz.h:      ...;
/usr/include/argz.h:                           const char *__restrict __entry)
__THROW;
```

```
/usr/include/argz.h:                    const char *__restrict __entry) __THROW;
/usr/include/argz.h:    __entry = strchr (__entry, '\0') + 1;
/usr/include/argz.h:      return __entry >= __argz + __argz_len ? (char *)
NULL : (char *) __entry;
/usr/include/argz.h:    return __argz_len > 0 ? (char *) __argz : 0;
/usr/include/argz.h:  return __argz_next (__argz, __argz_len, __entry);
/usr/include/ar.h:  };
/usr/include/assert.h:/* void assert (int expression);
/usr/include/assert.h:/* void assert_perror (int errnum);
/usr/include/assert.h:     __THROW __attribute__ ((__noreturn__));
/usr/include/assert.h:     __THROW __attribute__ ((__noreturn__));
/usr/include/assert.h:     __THROW __attribute__ ((__noreturn__));
/usr/include/cifsidmap.h:       uint8_t num_subauth;
/usr/include/cifsidmap.h:       uint8_t authority[NUM_AUTHS];
/usr/include/cifsidmap.h:       uint32_t sub_auth[SID_MAX_SUB_AUTHORITIES];
/usr/include/cifsidmap.h:} __attribute__((packed));
/usr/include/cifsidmap.h:               uid_t uid;
/usr/include/cifsidmap.h:               gid_t gid;
/usr/include/cifsidmap.h:       } id;
/usr/include/cifsidmap.h:       unsigned char type;
/usr/include/cifsidmap.h:} __attribute__((packed));
/usr/include/cifsidmap.h:extern int cifs_idmap_init_plugin(void **handle, const
char **errmsg);
/usr/include/cifsidmap.h:extern void cifs_idmap_exit_plugin(void *handle);
/usr/include/cifsidmap.h:                                           char **name);
/usr/include/cifsidmap.h:                                   struct cifs_sid *sid);
/usr/include/cifsidmap.h:                                   const size_t num, struct
cifs_uxid *cuxid);
/usr/include/cifsidmap.h:                                   const size_t num, struct
cifs_sid *sid);
/usr/include/clif.h:typedef struct CLIF_option_struct CLIF_option;
/usr/include/clif.h:    const char *short_opt;
/usr/include/clif.h:    const char *long_opt;
/usr/include/clif.h:    const char *arg_name;
/usr/include/clif.h:    const char *help_string;
/usr/include/clif.h:    int (*function) (CLIF_option *optn, char *arg);
/usr/include/clif.h:    void *data;
/usr/include/clif.h:    int (*function_plus) (CLIF_option *optn, char *arg);
/usr/include/clif.h:    unsigned int flags;
/usr/include/clif.h:};
/usr/include/clif.h:typedef struct CLIF_argument_struct CLIF_argument;
/usr/include/clif.h:    const char *name;
/usr/include/clif.h:    const char *help_string;
/usr/include/clif.h:    int (*function) (CLIF_argument *argm, char *arg, int
index);
/usr/include/clif.h:    void *data;
/usr/include/clif.h:    unsigned int flags;
/usr/include/clif.h:};
/usr/include/clif.h:                        CLIF_argument *arg_list, unsigned
int parse_flags);
/usr/include/clif.h:                                   const CLIF_option
*option_list);
/usr/include/clif.h:                                   const CLIF_argument
*argument_list);
/usr/include/clif.h:                                   const CLIF_argument
*argument_list);
/usr/include/clif.h:extern int CLIF_current_help (void);
/usr/include/clif.h:extern int CLIF_version_handler (CLIF_option *optn, char
*arg);
/usr/include/clif.h:extern int CLIF_set_flag (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_unset_flag (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_set_string (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_set_int (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_set_uint (CLIF_option *optn, char *arg);
```

```
/usr/include/clif.h:extern int CLIF_set_double (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_call_func (CLIF_option *optn, char *arg);
/usr/include/clif.h:extern int CLIF_arg_string (CLIF_argument *argm, char *arg,
int index);
/usr/include/clif.h:extern int CLIF_arg_int (CLIF_argument *argm, char *arg, int
index);
/usr/include/clif.h:extern int CLIF_arg_uint (CLIF_argument *argm, char *arg,
int index);
/usr/include/clif.h:extern int CLIF_arg_double (CLIF_argument *argm, char *arg,
int index);
/usr/include/clif.h:extern int CLIF_arg_func (CLIF_argument *argm, char *arg,
int index);
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:  char output[CRYPT_OUTPUT_SIZE];
/usr/include/crypt.h:  char setting[CRYPT_OUTPUT_SIZE];
/usr/include/crypt.h:  char input[CRYPT_MAX_PASSPHRASE_SIZE];
/usr/include/crypt.h:  char reserved[CRYPT_DATA_RESERVED_SIZE];
/usr/include/crypt.h:  char initialized;
/usr/include/crypt.h:  char internal[CRYPT_DATA_INTERNAL_SIZE];
/usr/include/crypt.h:};
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:                                int __output_size),
crypt_gensalt_rn);
/usr/include/crypt.h:__THROW;
/usr/include/crypt.h:extern int crypt_checksalt (const char *__setting);
/usr/include/crypt.h:extern const char *crypt_preferred_method (void);
/usr/include/ctype.h:};
/usr/include/ctype.h:     __THROW __attribute__ ((__const__));
/usr/include/ctype.h:     __THROW __attribute__ ((__const__));
/usr/include/ctype.h:     __THROW __attribute__ ((__const__));
/usr/include/ctype.h:     int isCHARACTERISTIC(int c);
/usr/include/ctype.h:__exctype (isalnum);
/usr/include/ctype.h:__exctype (isalpha);
/usr/include/ctype.h:__exctype (iscntrl);
/usr/include/ctype.h:__exctype (isdigit);
/usr/include/ctype.h:__exctype (islower);
/usr/include/ctype.h:__exctype (isgraph);
/usr/include/ctype.h:__exctype (isprint);
/usr/include/ctype.h:__exctype (ispunct);
/usr/include/ctype.h:__exctype (isspace);
/usr/include/ctype.h:__exctype (isupper);
/usr/include/ctype.h:__exctype (isxdigit);
/usr/include/ctype.h:extern int tolower (int __c) __THROW;
/usr/include/ctype.h:extern int toupper (int __c) __THROW;
/usr/include/ctype.h:__exctype (isblank);
/usr/include/ctype.h:extern int isctype (int __c, int __mask) __THROW;
/usr/include/ctype.h:extern int isascii (int __c) __THROW;
/usr/include/ctype.h:extern int toascii (int __c) __THROW;
/usr/include/ctype.h:__exctype (_toupper);
/usr/include/ctype.h:__exctype (_tolower);
/usr/include/ctype.h:  return __c >= -128 && __c < 256 ? (*__ctype_tolower_loc
())[__c] : __c;
/usr/include/ctype.h:  return __c >= -128 && __c < 256 ? (*__ctype_toupper_loc
())[__c] : __c;
/usr/include/ctype.h:     int isCHARACTERISTIC(int c, locale_t *locale);
/usr/include/ctype.h:__exctype_l (isalnum_l);
/usr/include/ctype.h:__exctype_l (isalpha_l);
/usr/include/ctype.h:__exctype_l (iscntrl_l);
/usr/include/ctype.h:__exctype_l (isdigit_l);
/usr/include/ctype.h:__exctype_l (islower_l);
```

```
/usr/include/ctype.h:__exctype_l (isgraph_l);
/usr/include/ctype.h:__exctype_l (isprint_l);
/usr/include/ctype.h:__exctype_l (ispunct_l);
/usr/include/ctype.h:__exctype_l (isspace_l);
/usr/include/ctype.h:__exctype_l (isupper_l);
/usr/include/ctype.h:__exctype_l (isxdigit_l);
/usr/include/ctype.h:__exctype_l (isblank_l);
/usr/include/ctype.h:extern int __tolower_l (int __c, locale_t __l) __THROW;
/usr/include/ctype.h:extern int tolower_l (int __c, locale_t __l) __THROW;
/usr/include/ctype.h:extern int __toupper_l (int __c, locale_t __l) __THROW;
/usr/include/ctype.h:extern int toupper_l (int __c, locale_t __l) __THROW;
/usr/include/cursesapp.h:NCURSES_CXX_IMPEXP int NCURSES_CXX_MAIN_NAME(int argc,
char *argv[]);
/usr/include/cursesapp.h:    Soft_Label_Key_Set* SLKs;
/usr/include/cursesapp.h:  } SLK_Link;
/usr/include/cursesapp.h:  static SLK_Link* slk_stack;
/usr/include/cursesapp.h:  // Initialization of attributes;
/usr/include/cursesapp.h:  virtual void init(bool bColors);
/usr/include/cursesapp.h:    return 0;
/usr/include/cursesapp.h:    return Soft_Label_Key_Set::None;
/usr/include/cursesapp.h:    (void) S;
/usr/include/cursesapp.h:  virtual int run() = 0;
/usr/include/cursesapp.h:  NCursesApplication(bool wantColors = FALSE);
/usr/include/cursesapp.h:      *this = rhs;
/usr/include/cursesapp.h:    return *this;
/usr/include/cursesapp.h:  static NCursesWindow *&getTitleWindow();
/usr/include/cursesapp.h:  virtual ~NCursesApplication()
THROWS(NCursesException);
/usr/include/cursesapp.h:  static NCursesApplication* getApplication();
/usr/include/cursesapp.h:  int operator()(void);
/usr/include/cursesapp.h:    (void) argc;
/usr/include/cursesapp.h:    (void) argv;
/usr/include/cursesapp.h:    return b_Colors;
/usr/include/cursesapp.h:  void push(Soft_Label_Key_Set& S);
/usr/include/cursesapp.h:  bool pop();
/usr/include/cursesapp.h:  Soft_Label_Key_Set* top() const;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(1)) : A_BOLD;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(2)) : A_NORMAL;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(3)|A_DIM) : A_DIM;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(4)) : A_NORMAL;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(4)) : A_NORMAL;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(5)) : A_NORMAL;
/usr/include/cursesapp.h:    return b_Colors ?
static_cast<chtype>(COLOR_PAIR(6)) : A_BOLD;
/usr/include/cursesapp.h:};
/usr/include/cursesf.h:  friend class NCursesFormField;
/usr/include/cursesf.h:  FIELDTYPE* fieldtype;
/usr/include/cursesf.h:      THROW(new NCursesFormException (err));
/usr/include/cursesf.h:  virtual void set(NCursesFormField& f) = 0;
/usr/include/cursesf.h:      *this = rhs;
/usr/include/cursesf.h:    return *this;
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  friend class NCursesForm;
/usr/include/cursesf.h:      THROW(new NCursesFormException (err));
/usr/include/cursesf.h:                    offscreen_rows, additional_buffers);
/usr/include/cursesf.h: OnError(errno);
/usr/include/cursesf.h:      *this = rhs;
/usr/include/cursesf.h:    return *this;
```

```
/usr/include/cursesf.h:  virtual ~NCursesFormField () THROWS(NCursesException);
/usr/include/cursesf.h:    NCursesFormField* f = new NCursesFormField();
/usr/include/cursesf.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesf.h:      f->ftype = ftype;
/usr/include/cursesf.h:      f->field = ::dup_field(field,first_row,first_col);
/usr/include/cursesf.h: OnError(errno);
/usr/include/cursesf.h:    return f;
/usr/include/cursesf.h:    NCursesFormField* f = new NCursesFormField();
/usr/include/cursesf.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesf.h:      f->ftype = ftype;
/usr/include/cursesf.h:      f->field = ::link_field(field,first_row,first_col);
/usr/include/cursesf.h: OnError(errno);
/usr/include/cursesf.h:    return f;
/usr/include/cursesf.h:    return field;
/usr/include/cursesf.h:                &offscreen_rows, &additional_buffers));
/usr/include/cursesf.h:                         &max_growth));
/usr/include/cursesf.h:    OnError(::set_max_field(field,growth));
/usr/include/cursesf.h:    OnError(::move_field(field,row,col));
/usr/include/cursesf.h:    OnError(::set_new_page(field,pageFlag));
/usr/include/cursesf.h:    return ::new_page(field);
/usr/include/cursesf.h:    OnError(::set_field_just(field,just));
/usr/include/cursesf.h:    return ::field_just(field);
/usr/include/cursesf.h:    OnError(::set_field_fore(field,foreground));
/usr/include/cursesf.h:    return ::field_fore(field);
/usr/include/cursesf.h:    OnError(::set_field_back(field,background));
/usr/include/cursesf.h:    return ::field_back(field);
/usr/include/cursesf.h:    OnError(::set_field_pad(field, padding));
/usr/include/cursesf.h:    return ::field_pad(field);
/usr/include/cursesf.h:    OnError (::field_opts_on (field, opts));
/usr/include/cursesf.h:    OnError (::field_opts_off (field, opts));
/usr/include/cursesf.h:    return ::field_opts (field);
/usr/include/cursesf.h:    OnError (::set_field_opts (field, opts));
/usr/include/cursesf.h:    OnError(::set_field_status(field,changeFlag));
/usr/include/cursesf.h:    return ::field_status(field);
/usr/include/cursesf.h:    return ::field_index(field);
/usr/include/cursesf.h:    OnError(::set_field_buffer(field,buffer,val));
/usr/include/cursesf.h:    return ::field_buffer(field,buffer);
/usr/include/cursesf.h:    ftype = &f;
/usr/include/cursesf.h:    return ftype;
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  void _nc_xx_frm_init(FORM *);
/usr/include/cursesf.h:  void _nc_xx_frm_term(FORM *);
/usr/include/cursesf.h:  void _nc_xx_fld_init(FORM *);
/usr/include/cursesf.h:  void _nc_xx_fld_term(FORM *);
/usr/include/cursesf.h:    const FORM*         m_owner;
/usr/include/cursesf.h:  } UserHook;
/usr/include/cursesf.h:    UserHook* hook =
reinterpret_cast<UserHook*>(::form_userptr(f));
/usr/include/cursesf.h:    assert(hook != 0 && hook->m_owner==f);
/usr/include/cursesf.h:    return const_cast<NCursesForm*>(hook->m_back);
/usr/include/cursesf.h:  friend void _nc_xx_frm_init(FORM *);
/usr/include/cursesf.h:  friend void _nc_xx_frm_term(FORM *);
/usr/include/cursesf.h:  friend void _nc_xx_fld_init(FORM *);
/usr/include/cursesf.h:  friend void _nc_xx_fld_term(FORM *);
/usr/include/cursesf.h:  FIELD** mapFields(NCursesFormField* nfields[]);
/usr/include/cursesf.h:    UserHook* uptr =
reinterpret_cast<UserHook*>(::form_userptr (form));
/usr/include/cursesf.h:    assert (uptr != 0 && uptr->m_back==this && uptr-
>m_owner==form);
/usr/include/cursesf.h:    uptr->m_user = user;
/usr/include/cursesf.h:    UserHook* uptr =
reinterpret_cast<UserHook*>(::form_userptr (form));
/usr/include/cursesf.h:    assert (uptr != 0 && uptr->m_back==this && uptr-
>m_owner==form);
```

```
/usr/include/cursesf.h:    return uptr->m_user;
/usr/include/cursesf.h:          bool autoDeleteFields);
/usr/include/cursesf.h:      THROW(new NCursesFormException (err));
/usr/include/cursesf.h:  virtual int driver (int c) ;
/usr/include/cursesf.h:    InitForm(Fields, with_frame, autoDelete_Fields);
/usr/include/cursesf.h:      InitForm(Fields, with_frame, autoDelete_Fields);
/usr/include/cursesf.h:      *this = rhs;
/usr/include/cursesf.h:      NCursesPanel::operator=(rhs);
/usr/include/cursesf.h:    return *this;
/usr/include/cursesf.h:  virtual ~NCursesForm() THROWS(NCursesException);
/usr/include/cursesf.h:  virtual void setDefaultAttributes();
/usr/include/cursesf.h:    return
my_fields[::field_index(::current_field(form))];
/usr/include/cursesf.h:  void setSubWindow(NCursesWindow& sub);
/usr/include/cursesf.h:    OnError(::set_form_fields(form,mapFields(Fields)));
/usr/include/cursesf.h:    OnError (::unpost_form (form));
/usr/include/cursesf.h:    OnError (flag ? ::post_form(form) : ::unpost_form
(form));
/usr/include/cursesf.h:      NCursesPanel::frame(title,btitle);
/usr/include/cursesf.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesf.h:      NCursesPanel::boldframe(title,btitle);
/usr/include/cursesf.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesf.h:      NCursesPanel::label(topLabel,bottomLabel);
/usr/include/cursesf.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesf.h:  virtual void On_Form_Init();
/usr/include/cursesf.h:  virtual void On_Form_Termination();
/usr/include/cursesf.h:  virtual void On_Field_Init(NCursesFormField& field);
/usr/include/cursesf.h:  virtual void On_Field_Termination(NCursesFormField&
field);
/usr/include/cursesf.h:    OnError(::scale_form(form,&rows,&ncols));
/usr/include/cursesf.h:    return ::field_count(form);
/usr/include/cursesf.h:    OnError(::set_form_page(form, pageNum));
/usr/include/cursesf.h:    return ::form_page(form);
/usr/include/cursesf.h:    OnError (::form_opts_on (form, opts));
/usr/include/cursesf.h:    OnError (::form_opts_off (form, opts));
/usr/include/cursesf.h:    return ::form_opts (form);
/usr/include/cursesf.h:    OnError (::set_form_opts (form, opts));
/usr/include/cursesf.h:    return ::data_ahead(form);
/usr/include/cursesf.h:    return ::data_behind(form);
/usr/include/cursesf.h:    OnError (::pos_form_cursor (form));
/usr/include/cursesf.h:    OnError (::set_current_field(form, F.field));
/usr/include/cursesf.h:  virtual int virtualize(int c);
/usr/include/cursesf.h:      OnError (E_BAD_ARGUMENT);
/usr/include/cursesf.h:    return my_fields[i];
/usr/include/cursesf.h:  virtual NCursesFormField* operator()(void);
/usr/include/cursesf.h:  virtual void On_Request_Denied(int c) const;
/usr/include/cursesf.h:  virtual void On_Invalid_Field(int c) const;
/usr/include/cursesf.h:  virtual void On_Unknown_Command(int c) const;
/usr/include/cursesf.h:};
/usr/include/cursesf.h: OnError(::set_field_userptr(field, STATIC_CAST(void *)
(p_UserData)));
/usr/include/cursesf.h:  virtual ~NCursesUserField() THROWS(NCursesException)
{};
/usr/include/cursesf.h:    return reinterpret_cast<const T*>(::field_userptr
(field));
/usr/include/cursesf.h:      OnError (::set_field_userptr (field,
STATIC_CAST(void *)(p_UserData)));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:                                (p_UserData)));
/usr/include/cursesf.h: set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesf.h:  };
/usr/include/cursesf.h:                                (p_UserData)));
/usr/include/cursesf.h:  };
```

```
/usr/include/cursesf.h:  };
/usr/include/cursesf.h:    return reinterpret_cast<T*>(get_user ());
/usr/include/cursesf.h:  };
/usr/include/cursesf.h:      set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  int min_field_width;
/usr/include/cursesf.h:
OnError(::set_field_type(f.get_field(),fieldtype,min_field_width));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  int min_field_width;
/usr/include/cursesf.h:
OnError(::set_field_type(f.get_field(),fieldtype,min_field_width));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  int precision;
/usr/include/cursesf.h:  long lower_limit, upper_limit;
/usr/include/cursesf.h:
precision,lower_limit,upper_limit));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  int precision;
/usr/include/cursesf.h:  double lower_limit, upper_limit;
/usr/include/cursesf.h:
precision,lower_limit,upper_limit));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  char* regex;
/usr/include/cursesf.h:
OnError(::set_field_type(f.get_field(),fieldtype,regex));
/usr/include/cursesf.h:    regex = new char[1 + ::strlen(source)];
/usr/include/cursesf.h:    (::strcpy)(regex, source);
/usr/include/cursesf.h:    copy_regex(expr);
/usr/include/cursesf.h:      *this = rhs;
/usr/include/cursesf.h:      copy_regex(rhs.regex);
/usr/include/cursesf.h:      NCursesFieldType::operator=(rhs);
/usr/include/cursesf.h:    return *this;
/usr/include/cursesf.h:    copy_regex(rhs.regex);
/usr/include/cursesf.h:    delete[] regex;
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  const char** list;
/usr/include/cursesf.h:  int case_sensitive;
/usr/include/cursesf.h:  int non_unique_matches;
/usr/include/cursesf.h:
list,case_sensitive,non_unique_matches));
/usr/include/cursesf.h:      *this = rhs;
/usr/include/cursesf.h:      NCursesFieldType::operator=(rhs);
/usr/include/cursesf.h:    return *this;
/usr/include/cursesf.h:};
/usr/include/cursesf.h:    OnError(::set_field_type(f.get_field(),fieldtype));
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  bool _nc_xx_fld_fcheck(FIELD *, const void*);
/usr/include/cursesf.h:  bool _nc_xx_fld_ccheck(int c, const void *);
/usr/include/cursesf.h:  void* _nc_xx_fld_makearg(va_list*);
/usr/include/cursesf.h:  static FIELDTYPE* generic_fieldtype;
/usr/include/cursesf.h:  friend bool _nc_xx_fld_fcheck(FIELD *, const void*);
/usr/include/cursesf.h:  friend bool _nc_xx_fld_ccheck(int c, const void *);
/usr/include/cursesf.h:  friend void* _nc_xx_fld_makearg(va_list*);
/usr/include/cursesf.h:
OnError(::set_field_type(f.get_field(),fieldtype,&f));
/usr/include/cursesf.h:  virtual bool field_check(NCursesFormField& f) = 0;
/usr/include/cursesf.h:  virtual bool char_check (int c) = 0;
/usr/include/cursesf.h:  UserDefinedFieldType();
/usr/include/cursesf.h:};
/usr/include/cursesf.h:  bool _nc_xx_next_choice(FIELD*, const void *);
/usr/include/cursesf.h:  bool _nc_xx_prev_choice(FIELD*, const void *);
/usr/include/cursesf.h:  static FIELDTYPE* generic_fieldtype_with_choice;
```

```
/usr/include/cursesf.h:  friend bool _nc_xx_next_choice(FIELD*, const void *);
/usr/include/cursesf.h:  friend bool _nc_xx_prev_choice(FIELD*, const void *);
/usr/include/cursesf.h:  virtual bool next    (NCursesFormField& f) = 0;
/usr/include/cursesf.h:  virtual bool previous(NCursesFormField& f) = 0;
/usr/include/cursesf.h:  UserDefinedFieldType_With_Choice();
/usr/include/cursesf.h:};
/usr/include/curses.h:typedef unsigned chtype;
/usr/include/curses.h:typedef unsigned mmask_t;
/usr/include/curses.h:typedef uint32_t chtype;
/usr/include/curses.h:typedef uint32_t mmask_t;
/usr/include/curses.h:typedef unsigned char NCURSES_BOOL;
/usr/include/curses.h:NCURSES_WRAPPED_VAR(chtype*, acs_map);
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(chtype) acs_map[];
/usr/include/curses.h:SCREEN;
/usr/include/curses.h:typedef struct screen  SCREEN;
/usr/include/curses.h:typedef struct _win_st WINDOW;
/usr/include/curses.h:typedef unsigned short wchar_t1;
/usr/include/curses.h:typedef unsigned int wint_t1;
/usr/include/curses.h:    attr_t        attr;
/usr/include/curses.h:    wchar_t       chars[CCHARW_MAX];
/usr/include/curses.h:cchar_t;
/usr/include/curses.h:struct ldat;
/usr/include/curses.h:      NCURSES_SIZE_T _pad_y,      _pad_x;
/usr/include/curses.h:      NCURSES_SIZE_T _pad_top,    _pad_left;
/usr/include/curses.h:      NCURSES_SIZE_T _pad_bottom, _pad_right;
/usr/include/curses.h:  } _pad;
/usr/include/curses.h:};
/usr/include/curses.h:typedef int (*NCURSES_OUTC)(int);
/usr/include/curses.h:          GCC_PRINTFLIKE(3,4);
/usr/include/curses.h:          GCC_SCANFLIKE(3,4);
/usr/include/curses.h:          GCC_PRINTFLIKE(4,5);
/usr/include/curses.h:          GCC_SCANFLIKE(4,5);
/usr/include/curses.h:          GCC_PRINTFLIKE(1,2);
/usr/include/curses.h:          GCC_SCANFLIKE(1,2);
/usr/include/curses.h:          GCC_PRINTFLIKE(2,0);
/usr/include/curses.h:          GCC_SCANFLIKE(2,0);
/usr/include/curses.h:          GCC_SCANFLIKE(2,0);
/usr/include/curses.h:          GCC_PRINTFLIKE(2,3);
/usr/include/curses.h:          GCC_SCANFLIKE(2,3);
/usr/include/curses.h:typedef int (*NCURSES_WINDOW_CB)(WINDOW *, void *);
/usr/include/curses.h:typedef int (*NCURSES_SCREEN_CB)(SCREEN *, void *);
/usr/include/curses.h:extern NCURSES_EXPORT(bool) is_term_resized (int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) keybound (int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(const char *) curses_version (void);
/usr/include/curses.h:extern NCURSES_EXPORT(int) alloc_pair (int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) assume_default_colors (int,
int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) define_key (const char *, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) extended_color_content(int, int
*, int *, int *);
/usr/include/curses.h:extern NCURSES_EXPORT(int) extended_pair_content(int, int
*, int *);
/usr/include/curses.h:extern NCURSES_EXPORT(int) extended_slk_color(int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) find_pair (int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) free_pair (int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) get_escdelay (void);
/usr/include/curses.h:extern NCURSES_EXPORT(int) init_extended_color(int, int,
int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) init_extended_pair(int, int,
int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) key_defined (const char *);
/usr/include/curses.h:extern NCURSES_EXPORT(int) keyok (int, bool);
/usr/include/curses.h:extern NCURSES_EXPORT(void) reset_color_pairs (void);
/usr/include/curses.h:extern NCURSES_EXPORT(int) resize_term (int, int);
```

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/usr/include/curses.h:extern NCURSES_EXPORT(int) resizeterm (int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) set_escdelay (int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) set_tabsize (int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) use_default_colors (void);
/usr/include/curses.h:extern NCURSES_EXPORT(int) use_extended_names (bool);
/usr/include/curses.h:extern NCURSES_EXPORT(int) use_legacy_coding (int);
/usr/include/curses.h:extern NCURSES_EXPORT(int) use_screen (SCREEN *,
NCURSES_SCREEN_CB, void *);
/usr/include/curses.h:extern NCURSES_EXPORT(int) use_window (WINDOW *,
NCURSES_WINDOW_CB, void *);
/usr/include/curses.h:extern NCURSES_EXPORT(int) wresize (WINDOW *, int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(void) nofilter(void);
/usr/include/curses.h:typedef int (*NCURSES_SP_OUTC)(SCREEN*, int);
/usr/include/curses.h:NCURSES_EXPORT(int) vsscanf(const char *, const char *,
va_list);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(WINDOW *, curscr);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(WINDOW *, newscr);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(WINDOW *, stdscr);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(char *, ttytype);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, COLORS);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, COLOR_PAIRS);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, COLS);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, ESCDELAY);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, LINES);
/usr/include/curses.h:NCURSES_WRAPPED_VAR(int, TABSIZE);
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(WINDOW *) curscr;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(WINDOW *) newscr;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(WINDOW *) stdscr;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(char) ttytype[];
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) COLORS;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) COLOR_PAIRS;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) COLS;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) ESCDELAY;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) LINES;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(int) TABSIZE;
/usr/include/curses.h:extern NCURSES_EXPORT_VAR(cchar_t *) _nc_wacs;
/usr/include/curses.h:extern NCURSES_EXPORT(const char *) _nc_viswbuf(const
wchar_t *);
/usr/include/curses.h:extern NCURSES_EXPORT(const char *) _nc_viswibuf(const
wint_t *);
/usr/include/curses.h:MEVENT;
/usr/include/curses.h:extern NCURSES_EXPORT(bool)    has_mouse(void);
/usr/include/curses.h:extern NCURSES_EXPORT(int)     getmouse (MEVENT *);
/usr/include/curses.h:extern NCURSES_EXPORT(int)     ungetmouse (MEVENT *);
/usr/include/curses.h:extern NCURSES_EXPORT(mmask_t) mousemask (mmask_t, mmask_t
*);
/usr/include/curses.h:extern NCURSES_EXPORT(bool)    wenclose (const WINDOW *,
int, int);
/usr/include/curses.h:extern NCURSES_EXPORT(int)     mouseinterval (int);
/usr/include/curses.h:extern NCURSES_EXPORT(bool)    wmouse_trafo (const
WINDOW*, int*, int*, bool);
/usr/include/curses.h:extern NCURSES_EXPORT(bool)    NCURSES_SP_NAME(has_mouse)
(SCREEN*);
/usr/include/curses.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(getmouse)
(SCREEN*, MEVENT *);
/usr/include/curses.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(ungetmouse)
(SCREEN*,MEVENT *);
/usr/include/curses.h:extern NCURSES_EXPORT(mmask_t) NCURSES_SP_NAME(mousemask)
(SCREEN*, mmask_t, mmask_t *);
/usr/include/curses.h:extern NCURSES_EXPORT(int)
NCURSES_SP_NAME(mouseinterval) (SCREEN*, int);
/usr/include/curses.h:extern NCURSES_EXPORT(void) _tracef (const char *, ...)
GCC_PRINTFLIKE(1,2);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _traceattr (attr_t);
```

```
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _traceattr2 (int, chtype);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _tracechar (int);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _tracechtype (chtype);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _tracechtype2 (int, chtype);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _tracecchar_t (const cchar_t
*);
/usr/include/curses.h:extern NCURSES_EXPORT(char *) _tracecchar_t2 (int, const
cchar_t *);
/usr/include/curses.h:extern NCURSES_EXPORT(void) trace (const unsigned)
GCC_DEPRECATED("use curses_trace");
/usr/include/curses.h:extern NCURSES_EXPORT(unsigned) curses_trace (const
unsigned);
/usr/include/curses.h:extern NCURSES_EXPORT(const char *) _nc_visbuf (const char
*);
/usr/include/curses.h:extern GCC_NORETURN NCURSES_EXPORT(void) exit_curses
(int);
/usr/include/cursesm.h:  friend class NCursesMenu;
/usr/include/cursesm.h:  ITEM *item;
/usr/include/cursesm.h:      THROW(new NCursesMenuException (err));
/usr/include/cursesm.h:    item = p_name ? ::new_item (p_name, p_descript) :
STATIC_CAST(ITEM*)(0);
/usr/include/cursesm.h:      OnError (E_SYSTEM_ERROR);
/usr/include/cursesm.h:      *this = rhs;
/usr/include/cursesm.h:    return *this;
/usr/include/cursesm.h:    (void) rhs;
/usr/include/cursesm.h:  virtual ~NCursesMenuItem () THROWS(NCursesException);
/usr/include/cursesm.h:    return ::item_name (item);
/usr/include/cursesm.h:    return ::item_description (item);
/usr/include/cursesm.h:    return ::item_index (item);
/usr/include/cursesm.h:    OnError (::item_opts_on (item, opts));
/usr/include/cursesm.h:    OnError (::item_opts_off (item, opts));
/usr/include/cursesm.h:    return ::item_opts (item);
/usr/include/cursesm.h:    OnError (::set_item_opts (item, opts));
/usr/include/cursesm.h:    OnError (::set_item_value (item,f));
/usr/include/cursesm.h:    return ::item_value (item);
/usr/include/cursesm.h:    return ::item_visible (item);
/usr/include/cursesm.h:  virtual bool action();
/usr/include/cursesm.h:};
/usr/include/cursesm.h:typedef bool ITEMCALLBACK(NCursesMenuItem&);
/usr/include/cursesm.h:  ITEMCALLBACK* p_fct;
/usr/include/cursesm.h:      *this = rhs;
/usr/include/cursesm.h:    return *this;
/usr/include/cursesm.h:  virtual ~NCursesMenuCallbackItem()
THROWS(NCursesException);
/usr/include/cursesm.h:  bool action() NCURSES_OVERRIDE;
/usr/include/cursesm.h:};
/usr/include/cursesm.h:  void _nc_xx_mnu_init(MENU *);
/usr/include/cursesm.h:  void _nc_xx_mnu_term(MENU *);
/usr/include/cursesm.h:  void _nc_xx_itm_init(MENU *);
/usr/include/cursesm.h:  void _nc_xx_itm_term(MENU *);
/usr/include/cursesm.h:  MENU *menu;
/usr/include/cursesm.h:    const MENU*        m_owner;
/usr/include/cursesm.h:  } UserHook;
/usr/include/cursesm.h:    UserHook* hook = STATIC_CAST(UserHook*)
(::menu_userptr(m));
/usr/include/cursesm.h:    assert(hook != 0 && hook->m_owner==m);
/usr/include/cursesm.h:    return const_cast<NCursesMenu*>(hook->m_back);
/usr/include/cursesm.h:  friend void _nc_xx_mnu_init(MENU *);
/usr/include/cursesm.h:  friend void _nc_xx_mnu_term(MENU *);
/usr/include/cursesm.h:  friend void _nc_xx_itm_init(MENU *);
/usr/include/cursesm.h:  friend void _nc_xx_itm_term(MENU *);
/usr/include/cursesm.h:  ITEM** mapItems(NCursesMenuItem* nitems[]);
/usr/include/cursesm.h:    UserHook* uptr = STATIC_CAST(UserHook*)
(::menu_userptr (menu));
```

```
/usr/include/cursesm.h:    assert (uptr != 0 && uptr->m_back==this && uptr-
>m_owner==menu);
/usr/include/cursesm.h:    uptr->m_user = user;
/usr/include/cursesm.h:    UserHook* uptr = STATIC_CAST(UserHook*)
(::menu_userptr (menu));
/usr/include/cursesm.h:    assert (uptr != 0 && uptr->m_back==this && uptr-
>m_owner==menu);
/usr/include/cursesm.h:    return uptr->m_user;
/usr/include/cursesm.h:          bool autoDeleteItems);
/usr/include/cursesm.h:      THROW(new NCursesMenuException (this, err));
/usr/include/cursesm.h:  virtual int driver (int c) ;
/usr/include/cursesm.h:      InitMenu(Items, with_frame, autoDelete_Items);
/usr/include/cursesm.h:      InitMenu(Items, with_frame, autoDelete_Items);
/usr/include/cursesm.h:      *this = rhs;
/usr/include/cursesm.h:      NCursesPanel::operator=(rhs);
/usr/include/cursesm.h:    return *this;
/usr/include/cursesm.h:  virtual ~NCursesMenu () THROWS(NCursesException);
/usr/include/cursesm.h:    assert(sub!=NULL);
/usr/include/cursesm.h:    return *sub;
/usr/include/cursesm.h:  void setSubWindow(NCursesWindow& sub);
/usr/include/cursesm.h:    OnError(::set_menu_items(menu,mapItems(Items)));
/usr/include/cursesm.h:    OnError (::unpost_menu (menu));
/usr/include/cursesm.h:    flag ? OnError (::post_menu(menu)) : OnError
(::unpost_menu (menu));
/usr/include/cursesm.h:    OnError (::scale_menu (menu, &mrows, &mcols));
/usr/include/cursesm.h:    OnError (::set_menu_format(menu, mrows, mcols));
/usr/include/cursesm.h:    ::menu_format(menu,&rows,&ncols);
/usr/include/cursesm.h:    return *my_items;
/usr/include/cursesm.h:    return ::item_count(menu);
/usr/include/cursesm.h:    return my_items[::item_index(::current_item(menu))];
/usr/include/cursesm.h:    return ::menu_mark(menu);
/usr/include/cursesm.h:    OnError (::set_menu_mark (menu, marker));
/usr/include/cursesm.h:    return ::menu_request_name(c);
/usr/include/cursesm.h:    return ::menu_pattern(menu);
/usr/include/cursesm.h:  bool set_pattern (const char *pat);
/usr/include/cursesm.h:  virtual void setDefaultAttributes();
/usr/include/cursesm.h:    return ::menu_back(menu);
/usr/include/cursesm.h:    return ::menu_fore(menu);
/usr/include/cursesm.h:    return ::menu_grey(menu);
/usr/include/cursesm.h:    return ::set_menu_back(menu,a);
/usr/include/cursesm.h:    return ::set_menu_fore(menu,a);
/usr/include/cursesm.h:    return ::set_menu_grey(menu,a);
/usr/include/cursesm.h:    OnError (::menu_opts_on (menu,opts));
/usr/include/cursesm.h:    OnError (::menu_opts_off(menu,opts));
/usr/include/cursesm.h:    return ::menu_opts(menu);
/usr/include/cursesm.h:    OnError (::set_menu_opts (menu,opts));
/usr/include/cursesm.h:    return ::menu_pad(menu);
/usr/include/cursesm.h:    OnError (::set_menu_pad (menu, padch));
/usr/include/cursesm.h:    OnError (::pos_menu_cursor (menu));
/usr/include/cursesm.h:    OnError (::set_current_item(menu, I.item));
/usr/include/cursesm.h:    return ::top_row (menu);
/usr/include/cursesm.h:    OnError (::set_top_row (menu, row));
/usr/include/cursesm.h:                        spc_columns));
/usr/include/cursesm.h:                    &spc_columns));
/usr/include/cursesm.h:      NCursesPanel::frame(title,btitle);
/usr/include/cursesm.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesm.h:      NCursesPanel::boldframe(title,btitle);
/usr/include/cursesm.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesm.h:      NCursesPanel::label(topLabel,bottomLabel);
/usr/include/cursesm.h:      OnError(E_SYSTEM_ERROR);
/usr/include/cursesm.h:  virtual void On_Menu_Init();
/usr/include/cursesm.h:  virtual void On_Menu_Termination();
/usr/include/cursesm.h:  virtual void On_Item_Init(NCursesMenuItem& item);
/usr/include/cursesm.h:  virtual void On_Item_Termination(NCursesMenuItem&
```

```
item);
/usr/include/cursesm.h:  virtual int virtualize(int c);
/usr/include/cursesm.h:      OnError (E_BAD_ARGUMENT);
/usr/include/cursesm.h:    return (my_items[i]);
/usr/include/cursesm.h:  virtual NCursesMenuItem* operator()(void);
/usr/include/cursesm.h:  virtual void On_Request_Denied(int c) const;
/usr/include/cursesm.h:  virtual void On_Not_Selectable(int c) const;
/usr/include/cursesm.h:  virtual void On_No_Match(int c) const;
/usr/include/cursesm.h:  virtual void On_Unknown_Command(int c) const;
/usr/include/cursesm.h:};
/usr/include/cursesm.h: OnError (::set_item_userptr (item, const_cast<void
*>(reinterpret_cast<const void*>(p_UserData))));
/usr/include/cursesm.h:    return reinterpret_cast<const T*>(::item_userptr
(item));
/usr/include/cursesm.h:  };
/usr/include/cursesm.h:      OnError (::set_item_userptr (item, const_cast<void
*>(reinterpret_cast<const void *>(p_UserData))));
/usr/include/cursesm.h:};
/usr/include/cursesm.h: set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesm.h: set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesm.h:  };
/usr/include/cursesm.h: set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesm.h:  };
/usr/include/cursesm.h:  };
/usr/include/cursesm.h:    return reinterpret_cast<T*>(get_user ());
/usr/include/cursesm.h:  };
/usr/include/cursesm.h:      set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesm.h:};
/usr/include/cursesp.h:  PANEL *p;
/usr/include/cursesp.h:  static NCursesPanel *dummy;
/usr/include/cursesp.h:  } UserHook;
/usr/include/cursesp.h:                            const_cast<void
*>(::panel_userptr (p)));
/usr/include/cursesp.h:    return uptr;
/usr/include/cursesp.h:    UserHook* uptr = UserPointer();
/usr/include/cursesp.h:      uptr->m_user = user;
/usr/include/cursesp.h:    UserHook* uptr = UserPointer();
/usr/include/cursesp.h:    void *result = 0;
/usr/include/cursesp.h:      result = uptr->m_user;
/usr/include/cursesp.h:    return result;
/usr/include/cursesp.h:      THROW(new NCursesPanelException (this, err));
/usr/include/cursesp.h:  virtual int getKey(void);
/usr/include/cursesp.h:    init();
/usr/include/cursesp.h:    init();
/usr/include/cursesp.h:      *this = rhs;
/usr/include/cursesp.h:      NCursesWindow::operator=(rhs);
/usr/include/cursesp.h:    return *this;
/usr/include/cursesp.h:  virtual ~NCursesPanel() THROWS(NCursesException);
/usr/include/cursesp.h:    OnError (::hide_panel(p));
/usr/include/cursesp.h:    OnError (::show_panel(p));
/usr/include/cursesp.h:    OnError (::top_panel(p));
/usr/include/cursesp.h:    OnError (::bottom_panel(p));
/usr/include/cursesp.h:    OnError(::move_panel(p, y, x));
/usr/include/cursesp.h:    return OK;
/usr/include/cursesp.h:    return (::panel_hidden (p) ? TRUE : FALSE);
/usr/include/cursesp.h:    OnError(ERR);
/usr/include/cursesp.h:    return *dummy;
/usr/include/cursesp.h:    OnError(ERR);
/usr/include/cursesp.h:    return *dummy;
/usr/include/cursesp.h:  virtual int refresh() NCURSES_OVERRIDE;
```

```
/usr/include/cursesp.h:  virtual int noutrefresh() NCURSES_OVERRIDE;
/usr/include/cursesp.h:  static void redraw();
/usr/include/cursesp.h:              const char* btitle=NULL);
/usr/include/cursesp.h:                  const char* btitle=NULL);
/usr/include/cursesp.h:              const char* bottomLabel);
/usr/include/cursesp.h:  virtual void centertext(int row,const char* label);
/usr/include/cursesp.h:};
/usr/include/cursesp.h:                                (p_UserData)));
/usr/include/cursesp.h:  };
/usr/include/cursesp.h:      set_user(const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesp.h:  };
/usr/include/cursesp.h:  virtual ~NCursesUserPanel() THROWS(NCursesException)
{};
/usr/include/cursesp.h:    return reinterpret_cast<T*>(get_user ());
/usr/include/cursesp.h:  };
/usr/include/cursesp.h:      set_user (const_cast<void *>(reinterpret_cast<const
void*>(p_UserData)));
/usr/include/cursesp.h:};
/usr/include/cursesw.h:extern "C" NCURSES_IMPEXP int NCURSES_API
clearok(WINDOW*, bool);
/usr/include/cursesw.h:extern "C" NCURSES_IMPEXP int NCURSES_API leaveok(WINDOW*
win, bool bf);
/usr/include/cursesw.h:extern "C" NCURSES_IMPEXP int NCURSES_API
scrollok(WINDOW*, bool);
/usr/include/cursesw.h:extern "C" NCURSES_IMPEXP int NCURSES_API
scrollok(WINDOW*, char);
/usr/include/cursesw.h:extern "C" int     _nc_ripoffline(int, int (*init)
(WINDOW*, int));
/usr/include/cursesw.h:extern "C" int     _nc_xx_ripoff_init(WINDOW *, int);
/usr/include/cursesw.h:extern "C" int     _nc_has_mouse(void);
/usr/include/cursesw.h:  friend class NCursesMenu;
/usr/include/cursesw.h:  friend class NCursesForm;
/usr/include/cursesw.h:  static bool    b_initialized;
/usr/include/cursesw.h:  static void    initialize();
/usr/include/cursesw.h:  void           constructing();
/usr/include/cursesw.h:  friend int     _nc_xx_ripoff_init(WINDOW *, int);
/usr/include/cursesw.h:  void           set_keyboard();
/usr/include/cursesw.h:  NCURSES_COLOR_T getcolor(int getback) const;
/usr/include/cursesw.h:  NCURSES_PAIRS_T getPair() const;
/usr/include/cursesw.h:  static int     setpalette(NCURSES_COLOR_T fore,
NCURSES_COLOR_T back, NCURSES_PAIRS_T pair);
/usr/include/cursesw.h:  static int     colorInitialized;
/usr/include/cursesw.h:  NCursesWindow(WINDOW* win, int ncols);
/usr/include/cursesw.h:  virtual void   err_handler(const char *) const
THROWS(NCursesException);
/usr/include/cursesw.h:  NCursesWindow();
/usr/include/cursesw.h:         bool do_box = TRUE);
/usr/include/cursesw.h:      *this = rhs;
/usr/include/cursesw.h:    return *this;
/usr/include/cursesw.h:  virtual ~NCursesWindow() THROWS(NCursesException);
/usr/include/cursesw.h:  NCursesWindow Clone();
/usr/include/cursesw.h:  static void    useColors(void);
/usr/include/cursesw.h:                 int (*init)(NCursesWindow& win));
/usr/include/cursesw.h:  static int     NumberOfColors();
/usr/include/cursesw.h:  NCURSES_PAIRS_T getcolor() const;
/usr/include/cursesw.h:  int            setpalette(NCURSES_COLOR_T fore,
NCURSES_COLOR_T back);
/usr/include/cursesw.h:  int            setcolor(NCURSES_PAIRS_T pair);
/usr/include/cursesw.h:    __attribute__ ((format (scanf, 2, 3)));
/usr/include/cursesw.h:  ;
/usr/include/cursesw.h:  int            scanw(const char*, va_list);
/usr/include/cursesw.h:    __attribute__ ((format (scanf, 4, 5)));
/usr/include/cursesw.h:  ;
```

```
/usr/include/cursesw.h:  int            scanw(int y, int x, const char* fmt,
va_list);
/usr/include/cursesw.h:    __attribute__ ((format (printf, 2, 3)));
/usr/include/cursesw.h:  ;
/usr/include/cursesw.h:    __attribute__ ((format (printf, 4, 5)));
/usr/include/cursesw.h:  ;
/usr/include/cursesw.h:  int            printw(const char* fmt, va_list args);
/usr/include/cursesw.h:  int            printw(int y, int x, const char * fmt,
va_list args);
/usr/include/cursesw.h:  // Switch on the window attributes;
/usr/include/cursesw.h:  // Switch off the window attributes;
/usr/include/cursesw.h:  // Set the window attributes;
/usr/include/cursesw.h:  // Get the window attributes;
/usr/include/cursesw.h:  // Set the window color attribute;
/usr/include/cursesw.h:  bool has_mouse() const;
/usr/include/cursesw.h:  bool isDescendant(NCursesWindow& win);
/usr/include/cursesw.h:};
/usr/include/cursesw.h:};
/usr/include/cursesw.h:  } Pad_Request;
/usr/include/cursesw.h:  int h_gridsize, v_gridsize;
/usr/include/cursesw.h:    return (viewSub?viewSub:(viewWin?viewWin:0));
/usr/include/cursesw.h:    return viewWin;
/usr/include/cursesw.h:    return viewSub;
/usr/include/cursesw.h:    (void) pad_req;
/usr/include/cursesw.h:    ::beep();
/usr/include/cursesw.h:    (void) pad_req;
/usr/include/cursesw.h:    ::beep();
/usr/include/cursesw.h:    (void) pad_req;
/usr/include/cursesw.h:  };
/usr/include/cursesw.h:  NCursesPad(int nlines, int ncols);
/usr/include/cursesw.h:      *this = rhs;
/usr/include/cursesw.h:      NCursesWindow::operator=(rhs);
/usr/include/cursesw.h:    return *this;
/usr/include/cursesw.h:  int refresh() NCURSES_OVERRIDE;
/usr/include/cursesw.h:                sminrow, smincol, smaxrow, smaxcol);
/usr/include/cursesw.h:  int noutrefresh() NCURSES_OVERRIDE;
/usr/include/cursesw.h:                    sminrow, smincol, smaxrow, smaxcol);
/usr/include/cursesw.h:  virtual void setWindow(NCursesWindow& view, int v_grid
= 1, int h_grid = 1);
/usr/include/cursesw.h:  virtual void setSubWindow(NCursesWindow& sub);
/usr/include/cursesw.h:  virtual void operator() (void);
/usr/include/cursesw.h:};
/usr/include/cursesw.h:  virtual void OnOperation(int pad_req) NCURSES_OVERRIDE;
/usr/include/cursesw.h:    NCursesPad::setWindow(win, v_grid, h_grid);
/usr/include/cursesw.h:    NCursesPad::setSubWindow(*(new NCursesWindow(win)));
/usr/include/cursesw.h:    delete getSubWindow();
/usr/include/cursesw.h:    (void) view;
/usr/include/cursesw.h:    (void) v_grid;
/usr/include/cursesw.h:    (void) h_grid;
/usr/include/cursesw.h:    err_handler("Operation not allowed");
/usr/include/cursesw.h:    (void) sub;
/usr/include/cursesw.h:    err_handler("Operation not allowed");
/usr/include/cursesw.h:};
/usr/include/cursslk.h:    friend class Soft_Label_Key_Set;
/usr/include/cursslk.h:    typedef enum { Left=0, Center=1, Right=2 }
Justification;
/usr/include/cursslk.h:      delete[] label;
/usr/include/cursslk.h:    };
/usr/include/cursslk.h:    Soft_Label_Key& operator=(char *text);
/usr/include/cursslk.h:      format = just;
/usr/include/cursslk.h:      return *this;
/usr/include/cursslk.h:      return label;
/usr/include/cursslk.h:        *this = rhs;
/usr/include/cursslk.h:      return *this;
```

```
/usr/include/cursslk.h:      *this = rhs.label;
/usr/include/cursslk.h:  };
/usr/include/cursslk.h:  } Label_Layout;
/usr/include/cursslk.h:  void init();
/usr/include/cursslk.h:  void activate_label(int i, bool bf=TRUE);
/usr/include/cursslk.h:  void activate_labels(bool bf);
/usr/include/cursslk.h:    THROW(new NCursesException (msg));
/usr/include/cursslk.h:      Error("slk_clear");
/usr/include/cursslk.h:      Error("slk_restore");
/usr/include/cursslk.h:  explicit Soft_Label_Key_Set(Label_Layout fmt);
/usr/include/cursslk.h:  Soft_Label_Key_Set();
/usr/include/cursslk.h:      *this = rhs;
/usr/include/cursslk.h:    return *this;
/usr/include/cursslk.h:  virtual ~Soft_Label_Key_Set() THROWS(NCursesException);
/usr/include/cursslk.h:  Soft_Label_Key& operator[](int i);
/usr/include/cursslk.h:  int labels() const;
/usr/include/cursslk.h:      Error("slk_refresh");
/usr/include/cursslk.h:      Error("slk_noutrefresh");
/usr/include/cursslk.h:      Error("slk_touch");
/usr/include/cursslk.h:    activate_label(i,FALSE);
/usr/include/cursslk.h:    activate_label(i,TRUE);
/usr/include/cursslk.h:    activate_label(i,FALSE);
/usr/include/cursslk.h:    activate_labels(FALSE);
/usr/include/cursslk.h:    activate_labels(TRUE);
/usr/include/cursslk.h:    activate_labels(FALSE);
/usr/include/cursslk.h:      Error("slk_attron");
/usr/include/cursslk.h:      Error("slk_attroff");
/usr/include/cursslk.h:      Error("slk_attrset");
/usr/include/cursslk.h:      Error("slk_color");
/usr/include/cursslk.h:    return ::slk_attr();
/usr/include/cursslk.h:};
/usr/include/dirent.h:typedef __ino_t ino_t;
/usr/include/dirent.h:typedef __ino64_t ino_t;
/usr/include/dirent.h:typedef __ino64_t ino64_t;
/usr/include/dirent.h:   _D_ALLOC_NAMLEN (DP)   returns a size at least
(_D_EXACT_NAMLEN (DP) + 1);
/usr/include/dirent.h:  };
/usr/include/dirent.h:typedef struct __dirstream DIR;
/usr/include/dirent.h:extern int closedir (DIR *__dirp) __nonnull ((1));
/usr/include/dirent.h:  __attribute_malloc__ __attr_dealloc (closedir, 1);
/usr/include/dirent.h:  __attribute_malloc__ __attr_dealloc (closedir, 1);
/usr/include/dirent.h:extern struct dirent *readdir (DIR *__dirp) __nonnull
((1));
/usr/include/dirent.h:     __nonnull ((1));
/usr/include/dirent.h:extern struct dirent64 *readdir64 (DIR *__dirp) __nonnull
((1));
/usr/include/dirent.h:     __nonnull ((1, 2, 3)) __attribute_deprecated__;
/usr/include/dirent.h:  __nonnull ((1, 2, 3)) __attribute_deprecated__;
/usr/include/dirent.h:  __nonnull ((1, 2, 3)) __attribute_deprecated__;
/usr/include/dirent.h:extern void rewinddir (DIR *__dirp) __THROW __nonnull
((1));
/usr/include/dirent.h:extern void seekdir (DIR *__dirp, long int __pos) __THROW
__nonnull ((1));
/usr/include/dirent.h:extern long int telldir (DIR *__dirp) __THROW __nonnull
((1));
/usr/include/dirent.h:extern int dirfd (DIR *__dirp) __THROW __nonnull ((1));
/usr/include/dirent.h:     __nonnull ((1, 2));
/usr/include/dirent.h:                  scandir64) __nonnull ((1, 2));
/usr/include/dirent.h:     __nonnull ((1, 2));
/usr/include/dirent.h:     __nonnull ((2, 3));
/usr/include/dirent.h:                  scandirat64) __nonnull ((2, 3));
/usr/include/dirent.h:     __nonnull ((2, 3));
/usr/include/dirent.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/dirent.h:                     alphasort64) __attribute_pure__
```

```
__nonnull ((1, 2));
/usr/include/dirent.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/dirent.h:     __THROW __nonnull ((2, 4));
/usr/include/dirent.h:                             getdirentries64) __nonnull ((2,
4));
/usr/include/dirent.h:     __THROW __nonnull ((2, 4));
/usr/include/dirent.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/dirent.h:     __attribute_pure__ __nonnull ((1, 2));
/usr/include/dirent.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/dlfcn.h:typedef long int Lmid_t;
/usr/include/dlfcn.h:extern void *dlopen (const char *__file, int __mode)
__THROWNL;
/usr/include/dlfcn.h:extern int dlclose (void *__handle) __THROWNL __nonnull
((1));
/usr/include/dlfcn.h:              const char *__restrict __name) __THROW
__nonnull ((2));
/usr/include/dlfcn.h:extern void *dlmopen (Lmid_t __nsid, const char *__file,
int __mode) __THROWNL;
/usr/include/dlfcn.h:     __THROW __nonnull ((2, 3));
/usr/include/dlfcn.h:extern char *dlerror (void) __THROW;
/usr/include/dlfcn.h:} Dl_info;
/usr/include/dlfcn.h:     __THROW __nonnull ((2));
/usr/include/dlfcn.h:              void **__extra_info, int __flags) __THROW
__nonnull ((2));
/usr/include/dlfcn.h:  };
/usr/include/dlfcn.h:     __THROW __nonnull ((1, 3));
/usr/include/dlfcn.h:    /* Treat ARG as `struct link_map **';
/usr/include/dlfcn.h:       of this object's PT_TLS segment, as used in TLS
relocations;
/usr/include/dlfcn.h:  };
/usr/include/dlfcn.h:} Dl_serpath;
/usr/include/dlfcn.h:    Dl_serpath __dls_serpath_pad[1];
/usr/include/dlfcn.h:  };
/usr/include/dlfcn.h:} Dl_serinfo;
/usr/include/dlfcn.h:  __extension__ unsigned long long int dlfo_flags;
/usr/include/dlfcn.h:  struct link_map *dlfo_link_map;
/usr/include/dlfcn.h:  unsigned int __dlfo_eh_dbase_pad;
/usr/include/dlfcn.h:  unsigned int __dlfo_eh_count_pad;
/usr/include/dlfcn.h:  __extension__ unsigned long long int __dflo_reserved[7];
/usr/include/dlfcn.h:};
/usr/include/dlfcn.h:int _dl_find_object (void *__address, struct dl_find_object
*__result) __THROW;
/usr/include/elf.h:typedef uint16_t Elf32_Half;
/usr/include/elf.h:typedef uint16_t Elf64_Half;
/usr/include/elf.h:typedef uint32_t Elf32_Word;
/usr/include/elf.h:typedef      int32_t  Elf32_Sword;
/usr/include/elf.h:typedef uint32_t Elf64_Word;
/usr/include/elf.h:typedef      int32_t  Elf64_Sword;
/usr/include/elf.h:typedef uint64_t Elf32_Xword;
/usr/include/elf.h:typedef      int64_t  Elf32_Sxword;
/usr/include/elf.h:typedef uint64_t Elf64_Xword;
/usr/include/elf.h:typedef      int64_t  Elf64_Sxword;
/usr/include/elf.h:typedef uint32_t Elf32_Addr;
/usr/include/elf.h:typedef uint64_t Elf64_Addr;
/usr/include/elf.h:typedef uint32_t Elf32_Off;
/usr/include/elf.h:typedef uint64_t Elf64_Off;
/usr/include/elf.h:typedef uint16_t Elf32_Section;
/usr/include/elf.h:typedef uint16_t Elf64_Section;
/usr/include/elf.h:typedef Elf32_Half Elf32_Versym;
/usr/include/elf.h:typedef Elf64_Half Elf64_Versym;
/usr/include/elf.h:} Elf32_Ehdr;
/usr/include/elf.h:} Elf64_Ehdr;
/usr/include/elf.h:} Elf32_Shdr;
/usr/include/elf.h:} Elf64_Shdr;
```

```
/usr/include/elf.h:} Elf32_Chdr;
/usr/include/elf.h:  Elf64_Word ch_reserved;
/usr/include/elf.h:} Elf64_Chdr;
/usr/include/elf.h:} Elf32_Sym;
/usr/include/elf.h:} Elf64_Sym;
/usr/include/elf.h:} Elf32_Syminfo;
/usr/include/elf.h:} Elf64_Syminfo;
/usr/include/elf.h:} Elf32_Rel;
/usr/include/elf.h:} Elf64_Rel;
/usr/include/elf.h:} Elf32_Rela;
/usr/include/elf.h:} Elf64_Rela;
/usr/include/elf.h:typedef Elf32_Word   Elf32_Relr;
/usr/include/elf.h:typedef Elf64_Xword  Elf64_Relr;
/usr/include/elf.h:} Elf32_Phdr;
/usr/include/elf.h:} Elf64_Phdr;
/usr/include/elf.h:    } d_un;
/usr/include/elf.h:} Elf32_Dyn;
/usr/include/elf.h:    } d_un;
/usr/include/elf.h:} Elf64_Dyn;
/usr/include/elf.h:} Elf32_Verdef;
/usr/include/elf.h:} Elf64_Verdef;
/usr/include/elf.h:} Elf32_Verdaux;
/usr/include/elf.h:} Elf64_Verdaux;
/usr/include/elf.h:} Elf32_Verneed;
/usr/include/elf.h:} Elf64_Verneed;
/usr/include/elf.h:} Elf32_Vernaux;
/usr/include/elf.h:} Elf64_Vernaux;
/usr/include/elf.h:    } a_un;
/usr/include/elf.h:} Elf32_auxv_t;
/usr/include/elf.h:    } a_un;
/usr/include/elf.h:} Elf64_auxv_t;
/usr/include/elf.h:} Elf32_Nhdr;
/usr/include/elf.h:} Elf64_Nhdr;
/usr/include/elf.h:} Elf32_Move;
/usr/include/elf.h:} Elf64_Move;
/usr/include/elf.h:} Elf32_gptab;
/usr/include/elf.h:} Elf32_RegInfo;
/usr/include/elf.h:} Elf_Options;
/usr/include/elf.h:} Elf_Options_Hw;
/usr/include/elf.h:} Elf32_Lib;
/usr/include/elf.h:} Elf64_Lib;
/usr/include/elf.h:typedef Elf32_Addr Elf32_Conflict;
/usr/include/elf.h:  Elf32_Half version;
/usr/include/elf.h:  unsigned char isa_level;
/usr/include/elf.h:  unsigned char isa_rev;
/usr/include/elf.h:  unsigned char gpr_size;
/usr/include/elf.h:  unsigned char cpr1_size;
/usr/include/elf.h:  unsigned char cpr2_size;
/usr/include/elf.h:  unsigned char fp_abi;
/usr/include/elf.h:  Elf32_Word isa_ext;
/usr/include/elf.h:  Elf32_Word ases;
/usr/include/elf.h:  Elf32_Word flags1;
/usr/include/elf.h:  Elf32_Word flags2;
/usr/include/elf.h:} Elf_MIPS_ABIFlags_v0;
/usr/include/elf.h:};
/usr/include/envz.h:     __THROW __attribute_pure__;
/usr/include/envz.h:     __THROW __attribute_pure__;
/usr/include/envz.h:                     const char *__restrict __value)
__THROW;
/usr/include/envz.h:                       size_t __envz2_len, int __override)
__THROW;
/usr/include/envz.h:                     const char *__restrict __name) __THROW;
/usr/include/envz.h:                    size_t *__restrict __envz_len) __THROW;
/usr/include/err.h:     __attribute__ ((__format__ (__printf__, 1, 2)));
```

```
/usr/include/err.h:     __attribute__ ((__format__ (__printf__, 1, 0)));
/usr/include/err.h:     __attribute__ ((__format__ (__printf__, 1, 2)));
/usr/include/err.h:     __attribute__ ((__format__ (__printf__, 1, 0)));
/usr/include/err.h:     __attribute__ ((__noreturn__, __format__ (__printf__, 2,
3)));
/usr/include/err.h:     __attribute__ ((__noreturn__, __format__ (__printf__, 2,
0)));
/usr/include/err.h:     __attribute__ ((__noreturn__, __format__ (__printf__, 2,
3)));
/usr/include/err.h:     __attribute__ ((__noreturn__, __format__ (__printf__, 2,
0)));
/usr/include/errno.h:extern int *__errno_location (void) __THROW
__attribute_const__;
/usr/include/errno.h:extern char *program_invocation_name;
/usr/include/errno.h:extern char *program_invocation_short_name;
/usr/include/error.h:/* Print a message with `fprintf (stderr, FORMAT, ...)';
/usr/include/error.h:     __attribute__ ((__format__ (__printf__, 3, 4)));
/usr/include/error.h:     __attribute__ ((__format__ (__printf__, 5, 6)));
/usr/include/error.h:extern void (*error_print_progname) (void);
/usr/include/error.h:extern unsigned int error_message_count;
/usr/include/error.h:extern int error_one_per_line;
/usr/include/etip.h:class NCURSES_CXX_IMPEXP NCursesPanel;
/usr/include/etip.h:class NCURSES_CXX_IMPEXP NCursesMenu;
/usr/include/etip.h:class NCURSES_CXX_IMPEXP NCursesForm;
/usr/include/etip.h:  const char *message;
/usr/include/etip.h:  int errorno;
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    message = rhs.message;
/usr/include/etip.h:    errorno = rhs.errorno;
/usr/include/etip.h:    return *this;
/usr/include/etip.h:    return "NCursesWindow";
/usr/include/etip.h:};
/usr/include/etip.h:  const NCursesPanel* p;
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:      NCursesException::operator=(rhs);
/usr/include/etip.h:      p = rhs.p;
/usr/include/etip.h:    return *this;
/usr/include/etip.h:    return "NCursesPanel";
/usr/include/etip.h:};
/usr/include/etip.h:  const NCursesMenu* m;
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:      NCursesException::operator=(rhs);
/usr/include/etip.h:      m = rhs.m;
/usr/include/etip.h:    return *this;
/usr/include/etip.h:    return "NCursesMenu";
/usr/include/etip.h:};
/usr/include/etip.h:  const NCursesForm* f;
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:    {};
/usr/include/etip.h:      NCursesException::operator=(rhs);
/usr/include/etip.h:      f = rhs.f;
/usr/include/etip.h:    return *this;
/usr/include/etip.h:    return "NCursesForm";
/usr/include/etip.h:};
/usr/include/etip.h:using std::cerr;
```

```
/usr/include/etip.h:using std::endl;
/usr/include/etip.h:      (*lib_error_handler)(e ? e->classname() : "", e ? e-
>message : "");
/usr/include/etip.h:      ::endwin();
/usr/include/etip.h:      std::cerr << "Found a problem - goodbye" << std::endl;
/usr/include/etip.h:      exit(EXIT_FAILURE);
/usr/include/etip.h:  genericerror(1, ((e != 0) ? (char *)(e->message) : ""));
/usr/include/etip.h:    cerr << e->message << endl;
/usr/include/etip.h:  exit(0);
/usr/include/etip.h:  throw *e;
/usr/include/execinfo.h:extern int backtrace (void **__array, int __size)
__nonnull ((1));
/usr/include/execinfo.h:     __THROW __nonnull ((1));
/usr/include/execinfo.h:     __THROW __nonnull ((1));
/usr/include/expat_external.h:   defined.  There are two macros defined to
control this boundary;
/usr/include/expat_external.h:typedef wchar_t XML_Char;
/usr/include/expat_external.h:typedef wchar_t XML_LChar;
/usr/include/expat_external.h:typedef unsigned short XML_Char;
/usr/include/expat_external.h:typedef char XML_LChar;
/usr/include/expat_external.h:typedef char XML_Char;
/usr/include/expat_external.h:typedef char XML_LChar;
/usr/include/expat_external.h:typedef long long XML_Index;
/usr/include/expat_external.h:typedef unsigned long long XML_Size;
/usr/include/expat_external.h:typedef long XML_Index;
/usr/include/expat_external.h:typedef unsigned long XML_Size;
/usr/include/expat.h:struct XML_ParserStruct;
/usr/include/expat.h:typedef struct XML_ParserStruct *XML_Parser;
/usr/include/expat.h:typedef unsigned char XML_Bool;
/usr/include/expat.h:};
/usr/include/expat.h:};
/usr/include/expat.h:};
/usr/include/expat.h:};
/usr/include/expat.h:typedef struct XML_cp XML_Content;
/usr/include/expat.h:  enum XML_Content_Type type;
/usr/include/expat.h:  enum XML_Content_Quant quant;
/usr/include/expat.h:  XML_Char *name;
/usr/include/expat.h:  unsigned int numchildren;
/usr/include/expat.h:  XML_Content *children;
/usr/include/expat.h:};
/usr/include/expat.h:                                                XML_Content
*model);
/usr/include/expat.h:XML_SetElementDeclHandler(XML_Parser parser,
XML_ElementDeclHandler eldecl);
/usr/include/expat.h:    const XML_Char *att_type, const XML_Char *dflt, int
isrequired);
/usr/include/expat.h:XML_SetAttlistDeclHandler(XML_Parser parser,
XML_AttlistDeclHandler attdecl);
/usr/include/expat.h:                                              int standalone);
/usr/include/expat.h:XML_SetXmlDeclHandler(XML_Parser parser, XML_XmlDeclHandler
xmldecl);
/usr/include/expat.h:  void *(*malloc_fcn)(size_t size);
/usr/include/expat.h:  void *(*realloc_fcn)(void *ptr, size_t size);
/usr/include/expat.h:  void (*free_fcn)(void *ptr);
/usr/include/expat.h:} XML_Memory_Handling_Suite;
/usr/include/expat.h:XML_ParserCreate(const XML_Char *encoding);
/usr/include/expat.h:XML_ParserCreateNS(const XML_Char *encoding, XML_Char
namespaceSeparator);
/usr/include/expat.h:                    const XML_Char *namespaceSeparator);
/usr/include/expat.h:XML_ParserReset(XML_Parser parser, const XML_Char
*encoding);
/usr/include/expat.h:/* atts is array of name/value pairs, terminated by 0;
/usr/include/expat.h:                                                  const
XML_Char **atts);
```

```
/usr/include/expat.h:                                                const XML_Char
*name);
/usr/include/expat.h:                                                   const
XML_Char *s, int len);
/usr/include/expat.h:
const XML_Char *data);
/usr/include/expat.h:typedef void(XMLCALL *XML_CommentHandler)(void *userData,
const XML_Char *data);
/usr/include/expat.h:typedef void(XMLCALL *XML_StartCdataSectionHandler)(void
*userData);
/usr/include/expat.h:typedef void(XMLCALL *XML_EndCdataSectionHandler)(void
*userData);
/usr/include/expat.h:                                             int len);
/usr/include/expat.h:                                                    int
has_internal_subset);
/usr/include/expat.h:typedef void(XMLCALL *XML_EndDoctypeDeclHandler)(void
*userData);
/usr/include/expat.h:    const XML_Char *notationName);
/usr/include/expat.h:XML_SetEntityDeclHandler(XML_Parser parser,
XML_EntityDeclHandler handler);
/usr/include/expat.h:    const XML_Char *notationName);
/usr/include/expat.h:                                                 const
XML_Char *publicId);
/usr/include/expat.h:                                                       const
XML_Char *uri);
/usr/include/expat.h:                                                    const
XML_Char *prefix);
/usr/include/expat.h:typedef int(XMLCALL *XML_NotStandaloneHandler)(void
*userData);
/usr/include/expat.h:   expected by the context argument to
XML_ExternalEntityParserCreate;
/usr/include/expat.h:                                                    const
XML_Char *publicId);
/usr/include/expat.h:                                                   int
is_parameter_entity);
/usr/include/expat.h:  int map[256];
/usr/include/expat.h:  void *data;
/usr/include/expat.h:  int(XMLCALL *convert)(void *data, const char *s);
/usr/include/expat.h:  void(XMLCALL *release)(void *data);
/usr/include/expat.h:} XML_Encoding;
/usr/include/expat.h:
XML_Encoding *info);
/usr/include/expat.h:                        XML_EndElementHandler end);
/usr/include/expat.h:XML_SetStartElementHandler(XML_Parser parser,
XML_StartElementHandler handler);
/usr/include/expat.h:XML_SetEndElementHandler(XML_Parser parser,
XML_EndElementHandler handler);
/usr/include/expat.h:                              XML_CharacterDataHandler
handler);
/usr/include/expat.h:
XML_ProcessingInstructionHandler handler);
/usr/include/expat.h:XML_SetCommentHandler(XML_Parser parser, XML_CommentHandler
handler);
/usr/include/expat.h:                             XML_EndCdataSectionHandler end);
/usr/include/expat.h:
XML_StartCdataSectionHandler start);
/usr/include/expat.h:                                XML_EndCdataSectionHandler
end);
/usr/include/expat.h:XML_SetDefaultHandler(XML_Parser parser, XML_DefaultHandler
handler);
/usr/include/expat.h:XML_SetDefaultHandlerExpand(XML_Parser parser,
XML_DefaultHandler handler);
/usr/include/expat.h:                           XML_EndDoctypeDeclHandler end);
/usr/include/expat.h:                                XML_StartDoctypeDeclHandler
```

```
start);
/usr/include/expat.h:XML_SetEndDoctypeDeclHandler(XML_Parser parser,
XML_EndDoctypeDeclHandler end);
/usr/include/expat.h:
XML_UnparsedEntityDeclHandler handler);
/usr/include/expat.h:XML_SetNotationDeclHandler(XML_Parser parser,
XML_NotationDeclHandler handler);
/usr/include/expat.h:                                XML_EndNamespaceDeclHandler
end);
/usr/include/expat.h:
XML_StartNamespaceDeclHandler start);
/usr/include/expat.h:                                   XML_EndNamespaceDeclHandler
end);
/usr/include/expat.h:                                XML_NotStandaloneHandler
handler);
/usr/include/expat.h:
XML_ExternalEntityRefHandler handler);
/usr/include/expat.h:XML_SetExternalEntityRefHandlerArg(XML_Parser parser, void
*arg);
/usr/include/expat.h:                                XML_SkippedEntityHandler
handler);
/usr/include/expat.h:                                  void *encodingHandlerData);
/usr/include/expat.h:XML_DefaultCurrent(XML_Parser parser);
/usr/include/expat.h:XML_SetReturnNSTriplet(XML_Parser parser, int do_nst);
/usr/include/expat.h:XML_SetUserData(XML_Parser parser, void *userData);
/usr/include/expat.h:XML_SetEncoding(XML_Parser parser, const XML_Char
*encoding);
/usr/include/expat.h:XML_UseParserAsHandlerArg(XML_Parser parser);
/usr/include/expat.h:XML_UseForeignDTD(XML_Parser parser, XML_Bool useDTD);
/usr/include/expat.h:XML_SetBase(XML_Parser parser, const XML_Char *base);
/usr/include/expat.h:XML_GetBase(XML_Parser parser);
/usr/include/expat.h:XML_GetSpecifiedAttributeCount(XML_Parser parser);
/usr/include/expat.h:XML_GetIdAttributeIndex(XML_Parser parser);
/usr/include/expat.h:} XML_AttrInfo;
/usr/include/expat.h:XML_GetAttributeInfo(XML_Parser parser);
/usr/include/expat.h:XML_Parse(XML_Parser parser, const char *s, int len, int
isFinal);
/usr/include/expat.h:XML_GetBuffer(XML_Parser parser, int len);
/usr/include/expat.h:XML_ParseBuffer(XML_Parser parser, int len, int isFinal);
/usr/include/expat.h:XML_StopParser(XML_Parser parser, XML_Bool resumable);
/usr/include/expat.h:XML_ResumeParser(XML_Parser parser);
/usr/include/expat.h:enum XML_Parsing { XML_INITIALIZED, XML_PARSING,
XML_FINISHED, XML_SUSPENDED };
/usr/include/expat.h:  enum XML_Parsing parsing;
/usr/include/expat.h:  XML_Bool finalBuffer;
/usr/include/expat.h:} XML_ParsingStatus;
/usr/include/expat.h:XML_GetParsingStatus(XML_Parser parser, XML_ParsingStatus
*status);
/usr/include/expat.h:                                   const XML_Char *encoding);
/usr/include/expat.h:};
/usr/include/expat.h:                              enum XML_ParamEntityParsing
parsing);
/usr/include/expat.h:XML_SetHashSalt(XML_Parser parser, unsigned long
hash_salt);
/usr/include/expat.h:XML_GetErrorCode(XML_Parser parser);
/usr/include/expat.h:XMLPARSEAPI(XML_Size) XML_GetCurrentLineNumber(XML_Parser
parser);
/usr/include/expat.h:XMLPARSEAPI(XML_Size) XML_GetCurrentColumnNumber(XML_Parser
parser);
/usr/include/expat.h:XMLPARSEAPI(XML_Index) XML_GetCurrentByteIndex(XML_Parser
parser);
/usr/include/expat.h:XML_GetCurrentByteCount(XML_Parser parser);
/usr/include/expat.h:XML_GetInputContext(XML_Parser parser, int *offset, int
*size);
```

```
/usr/include/expat.h:XML_FreeContentModel(XML_Parser parser, XML_Content
*model);
/usr/include/expat.h:XML_MemMalloc(XML_Parser parser, size_t size);
/usr/include/expat.h:XML_MemRealloc(XML_Parser parser, void *ptr, size_t size);
/usr/include/expat.h:XML_MemFree(XML_Parser parser, void *ptr);
/usr/include/expat.h:XML_ParserFree(XML_Parser parser);
/usr/include/expat.h:XML_ErrorString(enum XML_Error code);
/usr/include/expat.h:XML_ExpatVersion(void);
/usr/include/expat.h:  int major;
/usr/include/expat.h:  int minor;
/usr/include/expat.h:  int micro;
/usr/include/expat.h:} XML_Expat_Version;
/usr/include/expat.h:XML_ExpatVersionInfo(void);
/usr/include/expat.h:};
/usr/include/expat.h:  enum XML_FeatureEnum feature;
/usr/include/expat.h:  const XML_LChar *name;
/usr/include/expat.h:  long int value;
/usr/include/expat.h:} XML_Feature;
/usr/include/expat.h:XML_GetFeatureList(void);
/usr/include/expat.h:    XML_Parser parser, float maximumAmplificationFactor);
/usr/include/expat.h:    XML_Parser parser, unsigned long long
activationThresholdBytes);
/usr/include/expat.h:XML_SetReparseDeferralEnabled(XML_Parser parser, XML_Bool
enabled);
/usr/include/fcntl.h:typedef __mode_t mode_t;
/usr/include/fcntl.h:typedef __off_t off_t;
/usr/include/fcntl.h:typedef __off64_t off_t;
/usr/include/fcntl.h:typedef __off64_t off64_t;
/usr/include/fcntl.h:typedef __pid_t pid_t;
/usr/include/fcntl.h:extern int fcntl (int __fd, int __cmd, ...);
/usr/include/fcntl.h:extern int __REDIRECT (fcntl, (int __fd, int __cmd, ...),
fcntl64);
/usr/include/fcntl.h:extern int fcntl64 (int __fd, int __cmd, ...);
/usr/include/fcntl.h:                       __fcntl_time64);
/usr/include/fcntl.h:                       __fcntl_time64);
/usr/include/fcntl.h:extern int __fcntl_time64 (int __fd, int __request, ...)
__THROW;
/usr/include/fcntl.h:extern int open (const char *__file, int __oflag, ...)
__nonnull ((1));
/usr/include/fcntl.h:     __nonnull ((1));
/usr/include/fcntl.h:extern int open64 (const char *__file, int __oflag, ...)
__nonnull ((1));
/usr/include/fcntl.h:     __nonnull ((2));
/usr/include/fcntl.h:                             ...), openat64) __nonnull ((2));
/usr/include/fcntl.h:     __nonnull ((2));
/usr/include/fcntl.h:extern int creat (const char *__file, mode_t __mode)
__nonnull ((1));
/usr/include/fcntl.h:                   creat64) __nonnull ((1));
/usr/include/fcntl.h:extern int creat64 (const char *__file, mode_t __mode)
__nonnull ((1));
/usr/include/fcntl.h:extern int lockf (int __fd, int __cmd, off_t __len);
/usr/include/fcntl.h:extern int __REDIRECT (lockf, (int __fd, int __cmd,
__off64_t __len), lockf64);
/usr/include/fcntl.h:extern int lockf64 (int __fd, int __cmd, off64_t __len);
/usr/include/fcntl.h:                     int __advise) __THROW;
/usr/include/fcntl.h:                      posix_fadvise64);
/usr/include/fcntl.h:                       int __advise) __THROW;
/usr/include/fcntl.h:extern int posix_fallocate (int __fd, off_t __offset, off_t
__len);
/usr/include/fcntl.h:                   posix_fallocate64);
/usr/include/fcntl.h:extern int posix_fallocate64 (int __fd, off64_t __offset,
off64_t __len);
/usr/include/features.h:   _POSIX_C_SOURCE      If ==1, like _POSIX_SOURCE; if
>=2 add IEEE Std 1003.2;
```

```
/usr/include/features.h:                        if >=199309L, add IEEE Std
1003.1b-1993;
/usr/include/features.h:                        if >=199506L, add IEEE Std
1003.1c-1995;
/usr/include/fenv.h:extern int feclearexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fegetexceptflag (fexcept_t *__flagp, int
__excepts) __THROW;
/usr/include/fenv.h:extern int feraiseexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fesetexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fesetexceptflag (const fexcept_t *__flagp, int
__excepts) __THROW;
/usr/include/fenv.h:extern int fetestexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fetestexceptflag (const fexcept_t *__flagp, int
__excepts) __THROW;
/usr/include/fenv.h:extern int fegetround (void) __THROW __attribute_pure__;
/usr/include/fenv.h:extern int fesetround (int __rounding_direction) __THROW;
/usr/include/fenv.h:extern int fegetenv (fenv_t *__envp) __THROW;
/usr/include/fenv.h:extern int feholdexcept (fenv_t *__envp) __THROW;
/usr/include/fenv.h:extern int fesetenv (const fenv_t *__envp) __THROW;
/usr/include/fenv.h:extern int feupdateenv (const fenv_t *__envp) __THROW;
/usr/include/fenv.h:extern int fegetmode (femode_t *__modep) __THROW;
/usr/include/fenv.h:extern int fesetmode (const femode_t *__modep) __THROW;
/usr/include/fenv.h:extern int feenableexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fedisableexcept (int __excepts) __THROW;
/usr/include/fenv.h:extern int fegetexcept (void) __THROW;
/usr/include/fmtmsg.h:};
/usr/include/fmtmsg.h:};
/usr/include/fmtmsg.h:};
/usr/include/fmtmsg.h:             const char *__action, const char *__tag);
/usr/include/fmtmsg.h:extern int addseverity (int __severity, const char
*__string) __THROW;
/usr/include/fnmatch.h:extern int fnmatch (const char *__pattern, const char
*__name, int __flags);
/usr/include/form.h:typedef void *FIELD_CELL;
/usr/include/form.h:typedef int Form_Options;
/usr/include/form.h:typedef int Field_Options;
/usr/include/form.h:_PAGE;
/usr/include/form.h:FIELD;
/usr/include/form.h:  void                     (*forminit)(struct formnode *);
/usr/include/form.h:  void                     (*formterm)(struct formnode *);
/usr/include/form.h:  void                     (*fieldinit)(struct formnode *);
/usr/include/form.h:  void                     (*fieldterm)(struct formnode *);
/usr/include/form.h:FORM;
/usr/include/form.h:  } fieldcheck;
/usr/include/form.h:  } charcheck;
/usr/include/form.h:  } enum_next;
/usr/include/form.h:  } enum_prev;
/usr/include/form.h:FIELDTYPE;
/usr/include/form.h:typedef void (*Form_Hook)(FORM *);
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_ALPHA;
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_ALNUM;
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_ENUM;
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_INTEGER;
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_NUMERIC;
/usr/include/form.h:extern FORM_EXPORT_VAR(FIELDTYPE *) TYPE_REGEXP;
/usr/include/form.h:                bool (* const char_check)(int,const void
*));
/usr/include/form.h:                FIELDTYPE *, FIELDTYPE *);
/usr/include/form.h:extern FORM_EXPORT(int)     free_fieldtype (FIELDTYPE *);
/usr/include/form.h:                void (* const free_arg)(void *));
/usr/include/form.h:                bool (* const prev_choice)(FIELD *,const
void *));
/usr/include/form.h:extern FORM_EXPORT(FIELD *) new_field
(int,int,int,int,int,int);
```

```
/usr/include/form.h:extern FORM_EXPORT(FIELD *) dup_field (FIELD *,int,int);
/usr/include/form.h:extern FORM_EXPORT(FIELD *) link_field (FIELD *,int,int);
/usr/include/form.h:extern FORM_EXPORT(int)     free_field (FIELD *);
/usr/include/form.h:extern FORM_EXPORT(int)     field_info (const FIELD *,int
*,int *,int *,int *,int *);
/usr/include/form.h:extern FORM_EXPORT(int)     dynamic_field_info (const FIELD
*,int *,int *,int *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_max_field ( FIELD *,int);
/usr/include/form.h:extern FORM_EXPORT(int)     move_field (FIELD *,int,int);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_type (FIELD
*,FIELDTYPE *,...);
/usr/include/form.h:extern FORM_EXPORT(int)     set_new_page (FIELD *,bool);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_just (FIELD *,int);
/usr/include/form.h:extern FORM_EXPORT(int)     field_just (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_fore (FIELD *,chtype);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_back (FIELD *,chtype);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_pad (FIELD *,int);
/usr/include/form.h:extern FORM_EXPORT(int)     field_pad (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_buffer (FIELD
*,int,const char *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_status (FIELD *,bool);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_userptr (FIELD *, void
*);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_opts (FIELD
*,Field_Options);
/usr/include/form.h:extern FORM_EXPORT(int)     field_opts_on (FIELD
*,Field_Options);
/usr/include/form.h:extern FORM_EXPORT(int)     field_opts_off (FIELD
*,Field_Options);
/usr/include/form.h:extern FORM_EXPORT(chtype)  field_fore (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(chtype)  field_back (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(bool)    new_page (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(bool)    field_status (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(void *)  field_arg (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(void *)  field_userptr (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(FIELDTYPE *)     field_type (const FIELD
*);
/usr/include/form.h:extern FORM_EXPORT(char *)  field_buffer (const FIELD
*,int);
/usr/include/form.h:extern FORM_EXPORT(Field_Options)   field_opts (const FIELD
*);
/usr/include/form.h:extern FORM_EXPORT(FORM *)  new_form (FIELD **);
/usr/include/form.h:extern FORM_EXPORT(FIELD **)        form_fields (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(FIELD *) current_field (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(WINDOW *)        form_win (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(WINDOW *)        form_sub (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(Form_Hook)       form_init (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(Form_Hook)       form_term (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(Form_Hook)       field_init (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(Form_Hook)       field_term (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(int)     free_form (FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_fields (FORM *,FIELD
**);
/usr/include/form.h:extern FORM_EXPORT(int)     field_count (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_win (FORM *,WINDOW *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_sub (FORM *,WINDOW *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_current_field (FORM *,FIELD
*);
/usr/include/form.h:extern FORM_EXPORT(int)     unfocus_current_field (FORM *);
```

```
/usr/include/form.h:extern FORM_EXPORT(int)     field_index (const FIELD *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_page (FORM *,int);
/usr/include/form.h:extern FORM_EXPORT(int)     form_page (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     scale_form (const FORM *,int
*,int *);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_init (FORM
*,Form_Hook);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_term (FORM
*,Form_Hook);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_init (FORM
*,Form_Hook);
/usr/include/form.h:extern FORM_EXPORT(int)     set_field_term (FORM
*,Form_Hook);
/usr/include/form.h:extern FORM_EXPORT(int)     post_form (FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     unpost_form (FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     pos_form_cursor (FORM *);
/usr/include/form.h:extern FORM_EXPORT(int)     form_driver (FORM *,int);
/usr/include/form.h:extern FORM_EXPORT(int)     form_driver_w (FORM
*,int,wchar_t);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_userptr (FORM *,void
*);
/usr/include/form.h:extern FORM_EXPORT(int)     set_form_opts (FORM
*,Form_Options);
/usr/include/form.h:extern FORM_EXPORT(int)     form_opts_on (FORM
*,Form_Options);
/usr/include/form.h:extern FORM_EXPORT(int)     form_opts_off (FORM
*,Form_Options);
/usr/include/form.h:extern FORM_EXPORT(int)     form_request_by_name (const char
*);
/usr/include/form.h:extern FORM_EXPORT(const char *)    form_request_name (int);
/usr/include/form.h:extern FORM_EXPORT(void *)  form_userptr (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(Form_Options)    form_opts (const FORM
*);
/usr/include/form.h:extern FORM_EXPORT(bool)    data_ahead (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(bool)    data_behind (const FORM *);
/usr/include/form.h:extern FORM_EXPORT(FORM *)  NCURSES_SP_NAME(new_form)
(SCREEN*, FIELD **);
/usr/include/fstab.h:  };
/usr/include/fstab.h:extern struct fstab *getfsent (void) __THROW;
/usr/include/fstab.h:extern struct fstab *getfsspec (const char *__name)
__THROW;
/usr/include/fstab.h:extern struct fstab *getfsfile (const char *__name)
__THROW;
/usr/include/fstab.h:extern int setfsent (void) __THROW;
/usr/include/fstab.h:extern void endfsent (void) __THROW;
/usr/include/fts.h:} FTS;
/usr/include/fts.h:} FTS64;
/usr/include/fts.h:} FTSENT;
/usr/include/fts.h:} FTSENT64;
/usr/include/fts.h:FTSENT       *fts_children (FTS *, int);
/usr/include/fts.h:int   fts_close (FTS *);
/usr/include/fts.h:                int (*)(const FTSENT **, const FTSENT **));
/usr/include/fts.h:FTSENT       *fts_read (FTS *);
/usr/include/fts.h:int   fts_set (FTS *, FTSENT *, int) __THROW;
/usr/include/fts.h:FTSENT       *__REDIRECT (fts_children, (FTS *, int),
fts64_children);
/usr/include/fts.h:int   __REDIRECT (fts_close, (FTS *), fts64_close);
/usr/include/fts.h:                 fts64_open);
/usr/include/fts.h:FTSENT       *__REDIRECT (fts_read, (FTS *), fts64_read);
/usr/include/fts.h:int   __REDIRECT_NTH (fts_set, (FTS *, FTSENT *, int),
fts64_set);
/usr/include/fts.h:FTSENT       *__REDIRECT (fts_children, (FTS *, int),
__fts64_children_time64);
/usr/include/fts.h:int   __REDIRECT (fts_close, (FTS *), __fts64_close_time64);
```

```
/usr/include/fts.h:                  __fts64_open_time64);
/usr/include/fts.h:FTSENT       *__REDIRECT (fts_read, (FTS *),
__fts64_read_time64);
/usr/include/fts.h:                       __fts64_set_time64);
/usr/include/fts.h:FTSENT64 *fts64_children (FTS64 *, int);
/usr/include/fts.h:int    fts64_close (FTS64 *);
/usr/include/fts.h:                   int (*)(const FTSENT64 **, const FTSENT64
**));
/usr/include/fts.h:FTSENT64 *fts64_read (FTS64 *);
/usr/include/fts.h:int   fts64_set (FTS64 *, FTSENT64 *, int) __THROW;
/usr/include/fts.h:FTSENT       *__REDIRECT (fts64_children, (FTS64 *, int),
__fts64_children_time64);
/usr/include/fts.h:int   __REDIRECT (fts64_close, (FTS64 *),
__fts64_close_time64);
/usr/include/fts.h:                  __fts64_open_time64);
/usr/include/fts.h:FTSENT       *__REDIRECT (fts64_read, (FTS64 *),
__fts64_read_time64);
/usr/include/fts.h:                       __fts64_set_time64);
/usr/include/ftw.h:};
/usr/include/ftw.h:};
/usr/include/ftw.h:};
/usr/include/ftw.h:    int base;
/usr/include/ftw.h:    int level;
/usr/include/ftw.h:  };
/usr/include/ftw.h:                           const struct stat *__status, int
__flag);
/usr/include/ftw.h:                             const struct stat64 *__status,
int __flag);
/usr/include/ftw.h:                            struct FTW *__info);
/usr/include/ftw.h:                              int __flag, struct FTW *__info);
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/ftw.h:                           int __descriptors), ftw64)
__nonnull ((1, 2));
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/ftw.h:               int __descriptors) __nonnull ((1, 2));
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/ftw.h:              int __flag) __nonnull ((1, 2));
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/ftw.h:                int __descriptors, int __flag) __nonnull ((1,
2));
/usr/include/ftw.h:     __nonnull ((1, 2));
/usr/include/gconv.h:};
/usr/include/gconv.h:};
/usr/include/gconv.h:struct __gconv_step;
/usr/include/gconv.h:struct __gconv_step_data;
/usr/include/gconv.h:struct __gconv_loaded_object;
/usr/include/gconv.h:                        unsigned char **, size_t *, int,
int);
/usr/include/gconv.h:typedef wint_t (*__gconv_btowc_fct) (struct __gconv_step *,
unsigned char);
/usr/include/gconv.h:typedef int (*__gconv_init_fct) (struct __gconv_step *);
/usr/include/gconv.h:typedef void (*__gconv_end_fct) (struct __gconv_step *);
/usr/include/gconv.h:  struct __gconv_loaded_object *__shlib_handle;
/usr/include/gconv.h:  const char *__modname;
/usr/include/gconv.h:  int __counter;
/usr/include/gconv.h:  char *__from_name;
/usr/include/gconv.h:  char *__to_name;
/usr/include/gconv.h:  __gconv_fct __fct;
/usr/include/gconv.h:  __gconv_btowc_fct __btowc_fct;
/usr/include/gconv.h:  __gconv_init_fct __init_fct;
/usr/include/gconv.h:  __gconv_end_fct __end_fct;
/usr/include/gconv.h:  int __min_needed_from;
/usr/include/gconv.h:  int __max_needed_from;
```

```
/usr/include/gconv.h:  int __min_needed_to;
/usr/include/gconv.h:  int __max_needed_to;
/usr/include/gconv.h:  int __stateful;
/usr/include/gconv.h:};
/usr/include/gconv.h:  int __flags;
/usr/include/gconv.h:  int __invocation_counter;
/usr/include/gconv.h:  int __internal_use;
/usr/include/gconv.h:  __mbstate_t *__statep;
/usr/include/gconv.h:};
/usr/include/gconv.h:  size_t __nsteps;
/usr/include/gconv.h:  struct __gconv_step *__steps;
/usr/include/gconv.h:  __extension__ struct __gconv_step_data __data[0];
/usr/include/gconv.h:} *__gconv_t;
/usr/include/glob.h:typedef __SIZE_TYPE__ __size_t;
/usr/include/glob.h:typedef __SIZE_TYPE__ size_t;
/usr/include/glob.h:struct stat;
/usr/include/glob.h:    void (*gl_closedir) (void *);
/usr/include/glob.h:    struct dirent *(*gl_readdir) (void *);
/usr/include/glob.h:    void *(*gl_readdir) (void *);
/usr/include/glob.h:    void *(*gl_opendir) (const char *);
/usr/include/glob.h:    int (*gl_lstat) (const char *__restrict, struct stat
*__restrict);
/usr/include/glob.h:    int (*gl_stat) (const char *__restrict, struct stat
*__restrict);
/usr/include/glob.h:    int (*gl_lstat) (const char *__restrict, void
*__restrict);
/usr/include/glob.h:    int (*gl_stat) (const char *__restrict, void
*__restrict);
/usr/include/glob.h:  } glob_t;
/usr/include/glob.h:struct stat64;
/usr/include/glob.h:    __size_t gl_pathc;
/usr/include/glob.h:    char **gl_pathv;
/usr/include/glob.h:    __size_t gl_offs;
/usr/include/glob.h:    int gl_flags;
/usr/include/glob.h:    void (*gl_closedir) (void *);
/usr/include/glob.h:    struct dirent64 *(*gl_readdir) (void *);
/usr/include/glob.h:    void *(*gl_readdir) (void *);
/usr/include/glob.h:    void *(*gl_opendir) (const char *);
/usr/include/glob.h:    int (*gl_lstat) (const char *__restrict, struct stat64
*__restrict);
/usr/include/glob.h:    int (*gl_stat) (const char *__restrict, struct stat64
*__restrict);
/usr/include/glob.h:    int (*gl_lstat) (const char *__restrict, void
*__restrict);
/usr/include/glob.h:    int (*gl_stat) (const char *__restrict, void
*__restrict);
/usr/include/glob.h:  } glob64_t;
/usr/include/glob.h:             glob_t *__restrict __pglob) __THROWNL;
/usr/include/glob.h:extern void globfree (glob_t *__pglob) __THROW;
/usr/include/glob.h:                          __glob64_time64);
/usr/include/glob.h:                         __globfree64_time64);
/usr/include/glob.h:                                 glob_t *__restrict __pglob),
glob64);
/usr/include/glob.h:extern void __REDIRECT_NTH (globfree, (glob_t *__pglob),
globfree64);
/usr/include/glob.h:                          __glob64_time64);
/usr/include/glob.h:                         __globfree64_time64);
/usr/include/glob.h:                glob64_t *__restrict __pglob) __THROWNL;
/usr/include/glob.h:extern void globfree64 (glob64_t *__pglob) __THROW;
/usr/include/glob.h:extern int glob_pattern_p (const char *__pattern, int
__quote) __THROW;
/usr/include/gmpxx.h:  p->_mp_size = (l != 0);
/usr/include/gmpxx.h:  p->_mp_d[0] = l & GMP_NUMB_MASK;
/usr/include/gmpxx.h:  l >>= GMP_NUMB_BITS;
```

```
/usr/include/gmpxx.h:  p->_mp_d[1] = l;
/usr/include/gmpxx.h:  p->_mp_size += (l != 0);
/usr/include/gmpxx.h:    __mpz_set_ui_safe(p, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:    mpz_neg(p, p);
/usr/include/gmpxx.h:    __mpz_set_ui_safe(p, l);
/usr/include/gmpxx.h:     : -static_cast<unsigned long>(l);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:      if (z != w) mpz_set(z, w);
/usr/include/gmpxx.h:      mpz_add_ui(z, w, l);
/usr/include/gmpxx.h:      eval(z, w, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      mpz_sub_ui(z, w, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      if (q != r) mpq_set(q, r);
/usr/include/gmpxx.h:      mpz_add (mpq_numref(q), mpq_numref(r),
mpq_denref(r));
/usr/include/gmpxx.h:      if (q != r) mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:        mpz_addmul_ui(mpq_numref(q), mpq_denref(q), l);
/usr/include/gmpxx.h:        mpz_mul_ui(mpq_numref(q), mpq_denref(r), l);
/usr/include/gmpxx.h:        mpz_add(mpq_numref(q), mpq_numref(q),
mpq_numref(r));
/usr/include/gmpxx.h:        mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:  static inline void eval(mpq_ptr q, mpq_srcptr r, signed
long int l);
/usr/include/gmpxx.h:      mpz_addmul(mpq_numref(q), mpq_denref(q), z);
/usr/include/gmpxx.h:      mpz_mul(mpq_numref(q), mpq_denref(r), z);
/usr/include/gmpxx.h:      mpz_add(mpq_numref(q), mpq_numref(q), mpq_numref(r));
/usr/include/gmpxx.h:      mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:      mpf_add_ui(f, g, l);
/usr/include/gmpxx.h:      mpf_sub_ui(f, g, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_add(f, g, temp);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:      if (z != w) mpz_set(z, w);
/usr/include/gmpxx.h:      mpz_sub_ui(z, w, l);
/usr/include/gmpxx.h:      mpz_neg(z, w);
/usr/include/gmpxx.h:      mpz_ui_sub(z, l, w);
/usr/include/gmpxx.h:      eval(z, w, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      mpz_add_ui(z, w, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      eval(z, static_cast<unsigned long>(l), w);
/usr/include/gmpxx.h:        mpz_add_ui(z, w, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:        mpz_neg(z, z);
/usr/include/gmpxx.h:      if (q != r) mpq_set(q, r);
/usr/include/gmpxx.h:      mpz_sub (mpq_numref(q), mpq_numref(r),
mpq_denref(r));
/usr/include/gmpxx.h:      if (q != r) mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:        mpz_submul_ui(mpq_numref(q), mpq_denref(q), l);
/usr/include/gmpxx.h:        mpz_mul_ui(mpq_numref(q), mpq_denref(r), l);
/usr/include/gmpxx.h:        mpz_sub(mpq_numref(q), mpq_numref(r),
mpq_numref(q));
/usr/include/gmpxx.h:        mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:      eval(q, r, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      __gmp_binary_plus::eval(q, r, -static_cast<unsigned
long>(l));
/usr/include/gmpxx.h:      mpz_submul(mpq_numref(q), mpq_denref(q), z);
/usr/include/gmpxx.h:      mpz_mul(mpq_numref(q), mpq_denref(r), z);
/usr/include/gmpxx.h:      mpz_sub(mpq_numref(q), mpq_numref(r), mpq_numref(q));
/usr/include/gmpxx.h:      mpz_set(mpq_denref(q), mpq_denref(r));
/usr/include/gmpxx.h:      mpf_sub_ui(f, g, l);
/usr/include/gmpxx.h:      mpf_add_ui(f, g, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:      mpf_sub_ui(f, g, l);
```

```
/usr/include/gmpxx.h:      mpf_add_ui(f, g, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:    mpf_neg(f, f);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_sub(f, g, temp);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_sub(f, temp, g);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:    eval(q, r, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:    __gmp_binary_minus::eval(q, r, -static_cast<unsigned
long>(l));
/usr/include/gmpxx.h:      if (z != w) mpz_set(z, w);
/usr/include/gmpxx.h:      mpz_mul_2exp(z, w, l);
/usr/include/gmpxx.h:      if (q != r) mpq_set(q, r);
/usr/include/gmpxx.h:      mpq_mul_2exp(q, r, l);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:      if (z != w) mpz_set(z, w);
/usr/include/gmpxx.h:      mpz_fdiv_q_2exp(z, w, l);
/usr/include/gmpxx.h:      if (q != r) mpq_set(q, r);
/usr/include/gmpxx.h:      mpq_div_2exp(q, r, l);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:        z->_mp_size = 0;
/usr/include/gmpxx.h:        __gmp_binary_lshift::eval(z, w, __builtin_ctzl(l));
/usr/include/gmpxx.h:      mpz_mul_ui(z, w, l);
/usr/include/gmpxx.h:      eval(z, w, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:        eval(z, w, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpz_neg(z, z);
/usr/include/gmpxx.h:      mpz_mul_si (z, w, l);
/usr/include/gmpxx.h:   mpq_set_ui(q, 0, 1);
/usr/include/gmpxx.h:        __gmp_binary_lshift::eval(q, r, __builtin_ctzl(l));
/usr/include/gmpxx.h:      __GMPXX_TMPQ_UI;
/usr/include/gmpxx.h:      mpq_mul (q, r, temp);
/usr/include/gmpxx.h:      eval(q, r, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:        eval(q, r, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpq_neg(q, q);
/usr/include/gmpxx.h:   __GMPXX_TMPQ_SI;
/usr/include/gmpxx.h:   mpq_mul (q, r, temp);
/usr/include/gmpxx.h:      mpf_mul_ui(f, g, l);
/usr/include/gmpxx.h:   mpf_mul_ui(f, g, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpf_neg(f, f);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_mul(f, g, temp);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:        if (z != w) mpz_set(z, w);
/usr/include/gmpxx.h:        mpz_tdiv_q_2exp(z, w, __builtin_ctzl(l));
/usr/include/gmpxx.h:      mpz_tdiv_q_ui(z, w, l);
/usr/include/gmpxx.h:     mpz_set_ui(z, l / mpz_get_ui(w));
/usr/include/gmpxx.h:     mpz_set_ui(z, 0);
/usr/include/gmpxx.h:   mpz_neg(z, w);
/usr/include/gmpxx.h:       mpz_set_ui(z, l / mpz_get_ui(z));
/usr/include/gmpxx.h:       mpz_neg(z, z);
/usr/include/gmpxx.h:     mpz_set_ui(z, 0);
/usr/include/gmpxx.h:      eval(z, w, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   eval(z, w, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpz_neg(z, z);
/usr/include/gmpxx.h:      mpz_set_si(z, l / mpz_get_si(w));
```

```
/usr/include/gmpxx.h:        mpz_set_si (z, (mpz_cmpabs_ui (w,
__gmpxx_abs_ui(l)) == 0 ? -1 : 0));
/usr/include/gmpxx.h:      __gmp_binary_rshift::eval(q, r, __builtin_ctzl(l));
/usr/include/gmpxx.h:      __GMPXX_TMPQ_UI;
/usr/include/gmpxx.h:      mpq_div (q, r, temp);
/usr/include/gmpxx.h:      mpq_set_ui(q, 0, 1);
/usr/include/gmpxx.h:      mpq_inv(q, r);
/usr/include/gmpxx.h:   __GMPXX_TMPQ_UI;
/usr/include/gmpxx.h:   mpq_div (q, temp, r);
/usr/include/gmpxx.h:      eval(q, r, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:        eval(q, r, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpq_neg(q, q);
/usr/include/gmpxx.h:   __GMPXX_TMPQ_SI;
/usr/include/gmpxx.h:   mpq_div (q, r, temp);
/usr/include/gmpxx.h:      mpq_set_ui(q, 0, 1);
/usr/include/gmpxx.h:      mpq_inv(q, r);
/usr/include/gmpxx.h:   mpq_inv(q, r);
/usr/include/gmpxx.h:   mpq_neg(q, q);
/usr/include/gmpxx.h:   __GMPXX_TMPQ_SI;
/usr/include/gmpxx.h:   mpq_div (q, temp, r);
/usr/include/gmpxx.h:      mpf_div_ui(f, g, l);
/usr/include/gmpxx.h:   mpf_div_ui(f, g, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpf_neg(f, f);
/usr/include/gmpxx.h:      mpf_ui_div(f, l, g);
/usr/include/gmpxx.h:   mpf_ui_div(f, -static_cast<unsigned long>(l), g);
/usr/include/gmpxx.h:   mpf_neg(f, f);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_div(f, g, temp);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, 8*sizeof(double));
/usr/include/gmpxx.h:    mpf_set_d(temp, d);
/usr/include/gmpxx.h:    mpf_div(f, temp, g);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:     mpz_set_ui(z, l % mpz_get_ui(w));
/usr/include/gmpxx.h:     mpz_set_ui(z, l);
/usr/include/gmpxx.h:   mpz_neg(z, w);
/usr/include/gmpxx.h:     mpz_set_ui(z, l % mpz_get_ui(z));
/usr/include/gmpxx.h:     mpz_set_ui(z, l);
/usr/include/gmpxx.h:    mpz_tdiv_r_ui (z, w, __gmpxx_abs_ui(l));
/usr/include/gmpxx.h:      mpz_set_si(z, l % mpz_get_si(w));
/usr/include/gmpxx.h:        mpz_set_si (z, mpz_cmpabs_ui (w, __gmpxx_abs_ui(l))
== 0 ? 0 : l);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:    mpf_t qf;
/usr/include/gmpxx.h:    mpf_set_q(qf, q);
/usr/include/gmpxx.h:    int ret = eval(f, qf);
/usr/include/gmpxx.h:    mpf_clear(qf);
/usr/include/gmpxx.h:    return ret;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
```

```
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, mpf_get_prec(f));
/usr/include/gmpxx.h:    mpf_mul(temp, g, g);
/usr/include/gmpxx.h:    mpf_mul(f, h, h);
/usr/include/gmpxx.h:    mpf_add(f, f, temp);
/usr/include/gmpxx.h:    mpf_sqrt(f, f);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, mpf_get_prec(f));
/usr/include/gmpxx.h:    mpf_mul(temp, g, g);
/usr/include/gmpxx.h:    mpf_set_ui(f, l);
/usr/include/gmpxx.h:    mpf_mul_ui(f, f, l);
/usr/include/gmpxx.h:    mpf_add(f, f, temp);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:    mpf_sqrt(f, f);
/usr/include/gmpxx.h:    mpf_t temp;
/usr/include/gmpxx.h:    mpf_init2(temp, mpf_get_prec(f));
/usr/include/gmpxx.h:    mpf_mul(temp, g, g);
/usr/include/gmpxx.h:    mpf_set_d(f, d);
/usr/include/gmpxx.h:    mpf_mul(f, f, f);
/usr/include/gmpxx.h:    mpf_add(f, f, temp);
/usr/include/gmpxx.h:    mpf_sqrt(f, f);
/usr/include/gmpxx.h:    mpf_clear(temp);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:      throw std::domain_error ("factorial(negative)");
/usr/include/gmpxx.h:    eval(z, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:     throw std::domain_error ("factorial(negative)");
/usr/include/gmpxx.h:    eval(z, mpz_get_ui(w));
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:      throw std::domain_error ("primorial(negative)");
/usr/include/gmpxx.h:    eval(z, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:     throw std::domain_error ("primorial(negative)");
/usr/include/gmpxx.h:    eval(z, mpz_get_ui(w));
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:   eval(z, -static_cast<unsigned long>(l));
/usr/include/gmpxx.h:     mpz_neg(z, z);
/usr/include/gmpxx.h:      eval(z, static_cast<unsigned long>(l));
/usr/include/gmpxx.h:    eval(z, mpz_get_si(w));
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef void (*__gmp_freefunc_t) (void *, size_t);
/usr/include/gmpxx.h:  char *str;
/usr/include/gmpxx.h:    __gmp_freefunc_t freefunc;
/usr/include/gmpxx.h:    mp_get_memory_functions (NULL, NULL, &freefunc);
/usr/include/gmpxx.h:    (*freefunc) (str, std::strlen(str)+1);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:class __gmp_expr;
/usr/include/gmpxx.h:  typedef T ref_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef const __gmp_expr<T, U> & ref_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:struct __gmp_resolve_expr;
/usr/include/gmpxx.h:  typedef mpz_t value_type;
/usr/include/gmpxx.h:  typedef mpz_ptr ptr_type;
/usr/include/gmpxx.h:  typedef mpz_srcptr srcptr_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpq_t value_type;
/usr/include/gmpxx.h:  typedef mpq_ptr ptr_type;
/usr/include/gmpxx.h:  typedef mpq_srcptr srcptr_type;
```

```
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:  typedef mpf_ptr ptr_type;
/usr/include/gmpxx.h:  typedef mpf_srcptr srcptr_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpq_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpq_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:    typedef typename __gmp_resolve_expr<T, V>::value_type
X;
/usr/include/gmpxx.h:    typedef __gmp_expr<X, X> type;
/usr/include/gmpxx.h:  };
/usr/include/gmpxx.h:    typedef __gmp_expr<T, T> type;
/usr/include/gmpxx.h:  };
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(signed char);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(unsigned char);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(signed int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(unsigned int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(signed short int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(unsigned short int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(signed long int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(unsigned long int);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(float);
/usr/include/gmpxx.h:  __GMPXX_DECLARE_COMMON_TYPE(double);
/usr/include/gmpxx.h:  typename __gmp_resolve_ref<T>::ref_type val;
/usr/include/gmpxx.h:  __gmp_unary_expr();
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typename __gmp_resolve_ref<T>::ref_type val1;
/usr/include/gmpxx.h:  typename __gmp_resolve_ref<U>::ref_type val2;
/usr/include/gmpxx.h:  __gmp_binary_expr();
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  __gmp_expr<value_type, value_type> & fun(const
__gmp_expr<T, U> &);
/usr/include/gmpxx.h:  __gmp_expr & fun(mp_bitcnt_t);
/usr/include/gmpxx.h:  inline __gmp_expr fun(int);
/usr/include/gmpxx.h:fun(const __gmp_expr<T, U> &expr);
/usr/include/gmpxx.h:fun(type expr);
/usr/include/gmpxx.h:  typedef mpz_t value_type;
/usr/include/gmpxx.h:  value_type mp;
/usr/include/gmpxx.h:      mp->_mp_size = 0;
/usr/include/gmpxx.h:      mpz_set_ui(mp, l);
/usr/include/gmpxx.h:      assign_ui(l);
/usr/include/gmpxx.h:   assign_ui(-static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpz_neg(mp, mp);
/usr/include/gmpxx.h:      mpz_set_si(mp, l);
/usr/include/gmpxx.h:    mpz_set_d (mp, d);
/usr/include/gmpxx.h:      mpz_init(mp);
/usr/include/gmpxx.h:      mpz_init_set_ui(mp, l);
/usr/include/gmpxx.h:      init_ui(l);
/usr/include/gmpxx.h:   init_ui(-static_cast<unsigned long>(l));
/usr/include/gmpxx.h:   mpz_neg(mp, mp);
/usr/include/gmpxx.h:      mpz_init_set_si(mp, l);
/usr/include/gmpxx.h:    mpz_init_set_d (mp, d);
/usr/include/gmpxx.h:        mpz_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpz_set_str");
```

```
/usr/include/gmpxx.h:        mpz_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpz_set_str");
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpz_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpz_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:    __gmp_alloc_cstring temp(mpz_get_str(0, base, mp));
/usr/include/gmpxx.h:    return std::string(temp.str);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:typedef __gmp_expr<mpz_t, mpz_t> mpz_class;
/usr/include/gmpxx.h:  typedef mpq_t value_type;
/usr/include/gmpxx.h:  value_type mp;
/usr/include/gmpxx.h:      assign_ui(l);
/usr/include/gmpxx.h:      mpq_set_si(mp, l, 1);
/usr/include/gmpxx.h:    mpz_init_set(mpq_numref(mp), mpq_numref(q.mp));
/usr/include/gmpxx.h:    mpz_init_set(mpq_denref(mp), mpq_denref(q.mp));
/usr/include/gmpxx.h:    mpq_init (mp);
/usr/include/gmpxx.h:   mpz_set_si(mpq_denref(mp), base);
/usr/include/gmpxx.h:        mpq_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpq_set_str");
/usr/include/gmpxx.h:    mpq_init(mp);
/usr/include/gmpxx.h:        mpq_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpq_set_str");
/usr/include/gmpxx.h:    mpz_init_set(mpq_numref(mp), mpq_numref(q));
/usr/include/gmpxx.h:    mpz_init_set(mpq_denref(mp), mpq_denref(q));
/usr/include/gmpxx.h:    mpz_init_set(mpq_numref(mp), num.get_mpz_t());
/usr/include/gmpxx.h:    mpz_init_set(mpq_denref(mp), den.get_mpz_t());
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpq_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpq_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:    __gmp_alloc_cstring temp(mpq_get_str(0, base, mp));
/usr/include/gmpxx.h:    return std::string(temp.str);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:typedef __gmp_expr<mpq_t, mpq_t> mpq_class;
/usr/include/gmpxx.h:  typedef mpf_t value_type;
/usr/include/gmpxx.h:  value_type mp;
/usr/include/gmpxx.h:      assign_ui(l);
/usr/include/gmpxx.h:      mpf_set_si(mp, l);
/usr/include/gmpxx.h:      mpf_init(mp);
/usr/include/gmpxx.h:      mpf_init_set_ui(mp, l);
/usr/include/gmpxx.h:      init_ui(l);
/usr/include/gmpxx.h:      mpf_init_set_si(mp, l);
/usr/include/gmpxx.h:        mpf_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:    mpf_init2(mp, prec);
/usr/include/gmpxx.h:        mpf_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:        mpf_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:    mpf_init2(mp, prec);
/usr/include/gmpxx.h:        mpf_clear (mp);
/usr/include/gmpxx.h:        throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:      throw std::invalid_argument ("mpf_set_str");
/usr/include/gmpxx.h:    return *this;
/usr/include/gmpxx.h:    __gmp_alloc_cstring temp(mpf_get_str(0, &expo, base,
size, mp));
/usr/include/gmpxx.h:    return std::string(temp.str);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:typedef __gmp_expr<mpf_t, mpf_t> mpf_class;
/usr/include/gmpxx.h:  return mpz_class(s);
/usr/include/gmpxx.h:  mpq_class q;
```

```
/usr/include/gmpxx.h:  q.get_num() = s;
/usr/include/gmpxx.h:  return q;
/usr/include/gmpxx.h:  return mpf_class(s);
/usr/include/gmpxx.h:  __gmp_expr<T, T> const& temp(expr);
/usr/include/gmpxx.h:  return o << temp.__get_mp();
/usr/include/gmpxx.h:  return i >> expr.__get_mp();
/usr/include/gmpxx.h:  i >> q.get_mpq_t();
/usr/include/gmpxx.h:  q.canonicalize();
/usr/include/gmpxx.h:  return i;
/usr/include/gmpxx.h:  mpz_set(z, w.get_mpz_t());
/usr/include/gmpxx.h:  expr.eval(z);
/usr/include/gmpxx.h:  mpq_class const& temp(expr);
/usr/include/gmpxx.h:  mpz_set_q(z, temp.get_mpq_t());
/usr/include/gmpxx.h:  mpf_class const& temp(expr);
/usr/include/gmpxx.h:  mpz_set_f(z, temp.get_mpf_t());
/usr/include/gmpxx.h:  mpq_set_z(q, z.get_mpz_t());
/usr/include/gmpxx.h:  __gmp_set_expr(mpq_numref(q), expr);
/usr/include/gmpxx.h:  mpz_set_ui(mpq_denref(q), 1);
/usr/include/gmpxx.h:  mpq_set(q, r.get_mpq_t());
/usr/include/gmpxx.h:  expr.eval(q);
/usr/include/gmpxx.h:  mpf_class const& temp(expr);
/usr/include/gmpxx.h:  mpq_set_f(q, temp.get_mpf_t());
/usr/include/gmpxx.h:  mpz_class const& temp(expr);
/usr/include/gmpxx.h:  mpf_set_z(f, temp.get_mpz_t());
/usr/include/gmpxx.h:  mpq_class const& temp(expr);
/usr/include/gmpxx.h:  mpf_set_q(f, temp.get_mpq_t());
/usr/include/gmpxx.h:  mpf_set(f, g.get_mpf_t());
/usr/include/gmpxx.h:  expr.eval(f);
/usr/include/gmpxx.h:  __gmp_expr<T, T> val;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  mpf_class val;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val_type;
/usr/include/gmpxx.h:  __gmp_unary_expr<val_type, Op> expr;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef U val_type;
/usr/include/gmpxx.h:  __gmp_unary_expr<val_type, Op> expr;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val_type;
/usr/include/gmpxx.h:  __gmp_unary_expr<val_type, Op> expr;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val1_type;
/usr/include/gmpxx.h:  typedef U val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef U val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<U, V> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:      __gmp_set_expr(p, expr.val2);
/usr/include/gmpxx.h:      Op::eval(p, expr.val1.__get_mp(), p);
/usr/include/gmpxx.h:      __gmp_temp<T> temp(expr.val2, p);
/usr/include/gmpxx.h:      Op::eval(p, expr.val1.__get_mp(), temp.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
```

```
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<U, V> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:      __gmp_set_expr(p, expr.val1);
/usr/include/gmpxx.h:      Op::eval(p, p, expr.val2.__get_mp());
/usr/include/gmpxx.h:      __gmp_temp<T> temp(expr.val1, p);
/usr/include/gmpxx.h:      Op::eval(p, temp.__get_mp(), expr.val2.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:      __gmp_set_expr(p, expr.val2);
/usr/include/gmpxx.h:      Op::eval(p, expr.val1.__get_mp(), p);
/usr/include/gmpxx.h:      __gmp_temp<T> temp(expr.val2, p);
/usr/include/gmpxx.h:      Op::eval(p, expr.val1.__get_mp(), temp.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, T> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:      __gmp_set_expr(p, expr.val1);
/usr/include/gmpxx.h:      Op::eval(p, p, expr.val2.__get_mp());
/usr/include/gmpxx.h:      __gmp_temp<T> temp(expr.val1, p);
/usr/include/gmpxx.h:      Op::eval(p, temp.__get_mp(), expr.val2.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val1_type;
/usr/include/gmpxx.h:  typedef V val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:    expr.val1.eval(p);
/usr/include/gmpxx.h:    Op::eval(p, p, expr.val2);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef U val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, V> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:    expr.val2.eval(p);
/usr/include/gmpxx.h:    Op::eval(p, expr.val1, p);
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<V, W> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:    __gmp_temp<T> temp2(expr.val2, p);
/usr/include/gmpxx.h:    expr.val1.eval(p);
/usr/include/gmpxx.h:    Op::eval(p, p, temp2.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<U, V> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, W> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
/usr/include/gmpxx.h:    __gmp_temp<T> temp1(expr.val1, p);
/usr/include/gmpxx.h:    expr.val2.eval(p);
/usr/include/gmpxx.h:    Op::eval(p, temp1.__get_mp(), p);
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef __gmp_expr<T, U> val1_type;
/usr/include/gmpxx.h:  typedef __gmp_expr<T, V> val2_type;
/usr/include/gmpxx.h:  __gmp_binary_expr<val1_type, val2_type, Op> expr;
```

```
/usr/include/gmpxx.h:    __gmp_temp<T> temp2(expr.val2, p);
/usr/include/gmpxx.h:    expr.val1.eval(p);
/usr/include/gmpxx.h:    Op::eval(p, p, temp2.__get_mp());
/usr/include/gmpxx.h:      prec2 = expr.val2.get_prec();
/usr/include/gmpxx.h:    return (prec1 > prec2) ? prec1 : prec2;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:class __gmp_urandomb_value { };
/usr/include/gmpxx.h:class __gmp_urandomm_value { };
/usr/include/gmpxx.h:  __gmp_randstate_struct *state;
/usr/include/gmpxx.h:  mp_bitcnt_t bits;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  __gmp_randstate_struct *state;
/usr/include/gmpxx.h:  mpz_class range;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  __gmp_randstate_struct *state;
/usr/include/gmpxx.h:  mp_bitcnt_t bits;
/usr/include/gmpxx.h:   (bits>0) ? bits : mpf_get_prec(f));
/usr/include/gmpxx.h:      return mpf_get_default_prec();
/usr/include/gmpxx.h:      return bits;
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:  typedef void __gmp_randinit_default_t (gmp_randstate_t);
/usr/include/gmpxx.h:  typedef void __gmp_randinit_lc_2exp_t (gmp_randstate_t,
mpz_srcptr, unsigned long int, mp_bitcnt_t);
/usr/include/gmpxx.h:  typedef int __gmp_randinit_lc_2exp_size_t
(gmp_randstate_t, mp_bitcnt_t);
/usr/include/gmpxx.h:  gmp_randstate_t state;
/usr/include/gmpxx.h:  gmp_randclass(const gmp_randclass &);
/usr/include/gmpxx.h:  void operator=(const gmp_randclass &);
/usr/include/gmpxx.h:   gmp_randinit(state, alg, size);
/usr/include/gmpxx.h:   break;
/usr/include/gmpxx.h:      throw std::length_error
("gmp_randinit_lc_2exp_size");
/usr/include/gmpxx.h:};
/usr/include/gmpxx.h:    static const bool is_specialized = true;
/usr/include/gmpxx.h:    static const int digits = 0;
/usr/include/gmpxx.h:    static const int digits10 = 0;
/usr/include/gmpxx.h:    static const int max_digits10 = 0;
/usr/include/gmpxx.h:    static const bool is_signed = true;
/usr/include/gmpxx.h:    static const bool is_integer = true;
/usr/include/gmpxx.h:    static const bool is_exact = true;
/usr/include/gmpxx.h:    static const int radix = 2;
/usr/include/gmpxx.h:    static const int min_exponent = 0;
/usr/include/gmpxx.h:    static const int min_exponent10 = 0;
/usr/include/gmpxx.h:    static const int max_exponent = 0;
/usr/include/gmpxx.h:    static const int max_exponent10 = 0;
/usr/include/gmpxx.h:    static const bool has_infinity = false;
/usr/include/gmpxx.h:    static const bool has_quiet_NaN = false;
/usr/include/gmpxx.h:    static const bool has_signaling_NaN = false;
/usr/include/gmpxx.h:    static const float_denorm_style has_denorm =
denorm_absent;
/usr/include/gmpxx.h:    static const bool has_denorm_loss = false;
/usr/include/gmpxx.h:    static const bool is_iec559 = false;
/usr/include/gmpxx.h:    static const bool is_bounded = false;
/usr/include/gmpxx.h:    static const bool is_modulo = false;
/usr/include/gmpxx.h:    static const bool traps = false;
/usr/include/gmpxx.h:    static const bool tinyness_before = false;
/usr/include/gmpxx.h:    static const float_round_style round_style =
round_toward_zero;
/usr/include/gmpxx.h:  };
/usr/include/gmpxx.h:    static const bool is_specialized = true;
/usr/include/gmpxx.h:    static const int digits = 0;
/usr/include/gmpxx.h:    static const int digits10 = 0;
/usr/include/gmpxx.h:    static const int max_digits10 = 0;
```

```
/usr/include/gmpxx.h:    static const bool is_signed = true;
/usr/include/gmpxx.h:    static const bool is_integer = false;
/usr/include/gmpxx.h:    static const bool is_exact = true;
/usr/include/gmpxx.h:    static const int radix = 2;
/usr/include/gmpxx.h:    static const int min_exponent = 0;
/usr/include/gmpxx.h:    static const int min_exponent10 = 0;
/usr/include/gmpxx.h:    static const int max_exponent = 0;
/usr/include/gmpxx.h:    static const int max_exponent10 = 0;
/usr/include/gmpxx.h:    static const bool has_infinity = false;
/usr/include/gmpxx.h:    static const bool has_quiet_NaN = false;
/usr/include/gmpxx.h:    static const bool has_signaling_NaN = false;
/usr/include/gmpxx.h:    static const float_denorm_style has_denorm =
denorm_absent;
/usr/include/gmpxx.h:    static const bool has_denorm_loss = false;
/usr/include/gmpxx.h:    static const bool is_iec559 = false;
/usr/include/gmpxx.h:    static const bool is_bounded = false;
/usr/include/gmpxx.h:    static const bool is_modulo = false;
/usr/include/gmpxx.h:    static const bool traps = false;
/usr/include/gmpxx.h:    static const bool tinyness_before = false;
/usr/include/gmpxx.h:    static const float_round_style round_style =
round_toward_zero;
/usr/include/gmpxx.h:  };
/usr/include/gmpxx.h:    static const bool is_specialized = true;
/usr/include/gmpxx.h:    static const int digits = 0;
/usr/include/gmpxx.h:    static const int digits10 = 0;
/usr/include/gmpxx.h:    static const int max_digits10 = 0;
/usr/include/gmpxx.h:    static const bool is_signed = true;
/usr/include/gmpxx.h:    static const bool is_integer = false;
/usr/include/gmpxx.h:    static const bool is_exact = false;
/usr/include/gmpxx.h:    static const int radix = 2;
/usr/include/gmpxx.h:    static const int min_exponent = 0;
/usr/include/gmpxx.h:    static const int min_exponent10 = 0;
/usr/include/gmpxx.h:    static const int max_exponent = 0;
/usr/include/gmpxx.h:    static const int max_exponent10 = 0;
/usr/include/gmpxx.h:    static const bool has_infinity = false;
/usr/include/gmpxx.h:    static const bool has_quiet_NaN = false;
/usr/include/gmpxx.h:    static const bool has_signaling_NaN = false;
/usr/include/gmpxx.h:    static const float_denorm_style has_denorm =
denorm_absent;
/usr/include/gmpxx.h:    static const bool has_denorm_loss = false;
/usr/include/gmpxx.h:    static const bool is_iec559 = false;
/usr/include/gmpxx.h:    static const bool is_bounded = false;
/usr/include/gmpxx.h:    static const bool is_modulo = false;
/usr/include/gmpxx.h:    static const bool traps = false;
/usr/include/gmpxx.h:    static const bool tinyness_before = false;
/usr/include/gmpxx.h:    static const float_round_style round_style =
round_indeterminate;
/usr/include/gmpxx.h:  };
/usr/include/gnumake.h:    const char *filenm;
/usr/include/gnumake.h:    unsigned long lineno;
/usr/include/gnumake.h:  } gmk_floc;
/usr/include/gnumake.h:typedef char *(*gmk_func_ptr)(const char *nm, unsigned
int argc, char **argv);
/usr/include/gnumake.h:GMK_EXPORT void gmk_free (char *str);
/usr/include/gnumake.h:GMK_EXPORT char *gmk_alloc (unsigned int len);
/usr/include/gnumake.h:GMK_EXPORT void gmk_eval (const char *buffer, const
gmk_floc *floc);
/usr/include/gnumake.h:GMK_EXPORT char *gmk_expand (const char *str);
/usr/include/gnumake.h:                                     unsigned int flags);
/usr/include/grp.h:typedef __gid_t gid_t;
/usr/include/grp.h:  };
/usr/include/grp.h:extern void setgrent (void);
/usr/include/grp.h:extern void endgrent (void);
/usr/include/grp.h:extern struct group *getgrent (void);
```

```
/usr/include/grp.h:extern struct group *fgetgrent (FILE *__stream);
/usr/include/grp.h:                   FILE *__restrict __f);
/usr/include/grp.h:extern struct group *getgrgid (__gid_t __gid);
/usr/include/grp.h:extern struct group *getgrnam (const char *__name);
/usr/include/grp.h:     __attr_access ((__write_only__, 2, 3));
/usr/include/grp.h:     __attr_access ((__write_only__, 3, 4));
/usr/include/grp.h:     __attr_access ((__write_only__, 3, 4));
/usr/include/grp.h:     __attr_access ((__write_only__, 3, 4));
/usr/include/grp.h:extern int setgroups (size_t __n, const __gid_t *__groups)
__THROW;
/usr/include/grp.h:                       __gid_t *__groups, int *__ngroups);
/usr/include/grp.h:extern int initgroups (const char *__user, __gid_t __group);
/usr/include/gshadow.h:  };
/usr/include/gshadow.h:extern void setsgent (void);
/usr/include/gshadow.h:extern void endsgent (void);
/usr/include/gshadow.h:extern struct sgrp *getsgent (void);
/usr/include/gshadow.h:extern struct sgrp *getsgnam (const char *__name);
/usr/include/gshadow.h:extern struct sgrp *sgetsgent (const char *__string);
/usr/include/gshadow.h:extern struct sgrp *fgetsgent (FILE *__stream);
/usr/include/gshadow.h:extern int putsgent (const struct sgrp *__g, FILE
*__stream);
/usr/include/gshadow.h: __attr_access ((__write_only__, 2, 3));
/usr/include/gshadow.h: __attr_access ((__write_only__, 3, 4));
/usr/include/gshadow.h: __attr_access ((__write_only__, 3, 4));
/usr/include/gshadow.h: __attr_access ((__write_only__, 3, 4));
/usr/include/iconv.h:typedef void *iconv_t;
/usr/include/iconv.h:extern int iconv_close (iconv_t __cd);
/usr/include/iconv.h:   __attribute_malloc__ __attr_dealloc (iconv_close, 1);
/usr/include/iconv.h:                   size_t *__restrict __outbytesleft);
/usr/include/ifaddrs.h:  } ifa_ifu;
/usr/include/ifaddrs.h:};
/usr/include/ifaddrs.h:extern int getifaddrs (struct ifaddrs **__ifap) __THROW;
/usr/include/ifaddrs.h:extern void freeifaddrs (struct ifaddrs *__ifa)  __THROW;
/usr/include/inttypes.h:typedef __WCHAR_TYPE__ __gwchar_t;
/usr/include/inttypes.h:typedef wchar_t __gwchar_t;
/usr/include/inttypes.h:  } imaxdiv_t;
/usr/include/inttypes.h:  } imaxdiv_t;
/usr/include/inttypes.h:extern intmax_t imaxabs (intmax_t __n) __THROW
__attribute__ ((__const__));
/usr/include/inttypes.h:      __THROW __attribute__ ((__const__));
/usr/include/inttypes.h:                              char **__restrict __endptr,
int __base) __THROW;
/usr/include/inttypes.h:                               char ** __restrict __endptr,
int __base) __THROW;
/usr/include/inttypes.h:     __THROW;
/usr/include/inttypes.h:     __THROW;
/usr/include/langinfo.h:};
/usr/include/langinfo.h:   The string returned will not change until `setlocale'
is called;
/usr/include/langinfo.h:extern char *nl_langinfo (nl_item __item) __THROW;
/usr/include/langinfo.h:extern char *nl_langinfo_l (nl_item __item, locale_t
__l);
/usr/include/libgen.h:extern char *dirname (char *__path) __THROW;
/usr/include/libgen.h:extern char *__xpg_basename (char *__path) __THROW;
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (1);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (1)
__attribute_format_arg__ (2);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2)
__attribute_format_arg__ (3);
/usr/include/libintl.h:     __THROW __attribute_format_arg__ (2)
```

```
__attribute_format_arg__ (3);
/usr/include/libintl.h:extern char *textdomain (const char *__domainname)
__THROW;
/usr/include/libintl.h:                       const char *__dirname) __THROW;
/usr/include/libintl.h:                                const char *__codeset)
__THROW;
/usr/include/link.h:    int r_version;
/usr/include/link.h:    ElfW(Addr) r_brk;
/usr/include/link.h:      } r_state;
/usr/include/link.h:  };
/usr/include/link.h:extern struct r_debug _r_debug;
/usr/include/link.h:    struct r_debug base;
/usr/include/link.h:    struct r_debug_extended *r_next;
/usr/include/link.h:  };
/usr/include/link.h:     r_debug_extended = (struct r_debug_extended *) dyn-
>d_un.d_ptr;
/usr/include/link.h:extern ElfW(Dyn) _DYNAMIC[];
/usr/include/link.h:   These data structures exist in space used by the run-time
dynamic linker;
/usr/include/link.h:  };
/usr/include/link.h:  };
/usr/include/link.h:  };
/usr/include/link.h:  };
/usr/include/link.h:  };
/usr/include/link.h:    ElfW(Addr) dlpi_addr;
/usr/include/link.h:    const char *dlpi_name;
/usr/include/link.h:    const ElfW(Phdr) *dlpi_phdr;
/usr/include/link.h:    ElfW(Half) dlpi_phnum;
/usr/include/link.h:    __extension__ unsigned long long int dlpi_adds;
/usr/include/link.h:    __extension__ unsigned long long int dlpi_subs;
/usr/include/link.h:    size_t dlpi_tls_modid;
/usr/include/link.h:    void *dlpi_tls_data;
/usr/include/link.h:  };
/usr/include/link.h:                           void *__data);
/usr/include/link.h:extern unsigned int la_version (unsigned int __version);
/usr/include/link.h:extern void la_activity (uintptr_t *__cookie, unsigned int
__flag);
/usr/include/link.h:                         unsigned int __flag);
/usr/include/link.h:                              uintptr_t *__cookie);
/usr/include/link.h:extern void la_preinit (uintptr_t *__cookie);
/usr/include/link.h:                             unsigned int *__flags, const char
*__symname);
/usr/include/link.h:                             unsigned int *__flags, const char
*__symname);
/usr/include/link.h:extern unsigned int la_objclose (uintptr_t *__cookie);
/usr/include/locale.h:  /* Each element is the number of digits in each group;
/usr/include/locale.h:  char *grouping;
/usr/include/locale.h:  char *int_curr_symbol;
/usr/include/locale.h:  char p_cs_precedes;
/usr/include/locale.h:  char p_sep_by_space;
/usr/include/locale.h:  char n_cs_precedes;
/usr/include/locale.h:  char n_sep_by_space;
/usr/include/locale.h:  char p_sign_posn;
/usr/include/locale.h:  char n_sign_posn;
/usr/include/locale.h:  char int_p_cs_precedes;
/usr/include/locale.h:  char int_p_sep_by_space;
/usr/include/locale.h:  char int_n_cs_precedes;
/usr/include/locale.h:  char int_n_sep_by_space;
/usr/include/locale.h:  char int_p_sign_posn;
/usr/include/locale.h:  char int_n_sign_posn;
/usr/include/locale.h:  char __int_p_cs_precedes;
/usr/include/locale.h:  char __int_p_sep_by_space;
/usr/include/locale.h:  char __int_n_cs_precedes;
/usr/include/locale.h:  char __int_n_sep_by_space;
```

```
/usr/include/locale.h:  char __int_p_sign_posn;
/usr/include/locale.h:  char __int_n_sign_posn;
/usr/include/locale.h:};
/usr/include/locale.h:extern char *setlocale (int __category, const char
*__locale) __THROW;
/usr/include/locale.h:extern struct lconv *localeconv (void) __THROW;
/usr/include/locale.h:                     locale_t __base) __THROW;
/usr/include/locale.h:extern locale_t duplocale (locale_t __dataset) __THROW;
/usr/include/locale.h:extern void freelocale (locale_t __dataset) __THROW;
/usr/include/locale.h:extern locale_t uselocale (locale_t __dataset) __THROW;
/usr/include/malloc.h:     __attribute_alloc_size__ ((1)) __wur;
/usr/include/malloc.h:__THROW __attribute_malloc__ __attribute_alloc_size__ ((1,
2)) __wur;
/usr/include/malloc.h:__THROW __attribute_warn_unused_result__
__attribute_alloc_size__ ((2));
/usr/include/malloc.h:  __attr_dealloc_free;
/usr/include/malloc.h:extern void free (void *__ptr) __THROW;
/usr/include/malloc.h:  __attribute_alloc_size__ ((2)) __wur
__attr_dealloc_free;
/usr/include/malloc.h:     __attribute_alloc_size__ ((1)) __wur
__attr_dealloc_free;
/usr/include/malloc.h:  __wur __attr_dealloc_free;
/usr/include/malloc.h:};
/usr/include/malloc.h:};
/usr/include/malloc.h:extern struct mallinfo mallinfo (void) __THROW
__MALLOC_DEPRECATED;
/usr/include/malloc.h:extern struct mallinfo2 mallinfo2 (void) __THROW;
/usr/include/malloc.h:extern int mallopt (int __param, int __val) __THROW;
/usr/include/malloc.h:extern int malloc_trim (size_t __pad) __THROW;
/usr/include/malloc.h:extern size_t malloc_usable_size (void *__ptr) __THROW;
/usr/include/malloc.h:extern void malloc_stats (void) __THROW;
/usr/include/malloc.h:extern int malloc_info (int __options, FILE *__fp)
__THROW;
/usr/include/math.h:typedef float float_t;
/usr/include/math.h:typedef double double_t;
/usr/include/math.h:typedef double float_t;
/usr/include/math.h:typedef double double_t;
/usr/include/math.h:typedef long double float_t;
/usr/include/math.h:typedef long double double_t;
/usr/include/math.h:typedef _Float32 float_t;
/usr/include/math.h:typedef double double_t;
/usr/include/math.h:typedef _Float32x float_t;
/usr/include/math.h:typedef _Float32x double_t;
/usr/include/math.h:typedef _Float64 float_t;
/usr/include/math.h:typedef _Float64 double_t;
/usr/include/math.h:typedef _Float64x float_t;
/usr/include/math.h:typedef _Float64x double_t;
/usr/include/math.h:typedef _Float128 float_t;
/usr/include/math.h:typedef _Float128 double_t;
/usr/include/math.h:typedef _Float128x float_t;
/usr/include/math.h:typedef _Float128x double_t;
/usr/include/math.h:  };
/usr/include/math.h:                                __THROW __attribute__
((__const__));
/usr/include/math.h:     __attribute__ ((__const__));
/usr/include/math.h:                            nextafter) __attribute__
((__const__));
/usr/include/math.h:                                 nextafter) __attribute__
((__const__));
/usr/include/math.h:  __attribute__ ((__const__));
/usr/include/math.h:  __attribute__ ((__const__));
/usr/include/math.h:extern int signgam;
/usr/include/math.h:  };
/usr/include/math.h:  return __issignaling (__val);
```

```
/usr/include/math.h:  return __issignalingl (__val);
/usr/include/math.h:  return __fpclassifyf (__val) == FP_ZERO;
/usr/include/math.h:  return __fpclassify (__val) == FP_ZERO;
/usr/include/math.h:  return __fpclassify (__val) == FP_ZERO;
/usr/include/math.h:  return __fpclassifyl (__val) == FP_ZERO;
/usr/include/math.h:  return __fpclassifyf128 (__val) == FP_ZERO;
/usr/include/math.h:  return __val == 0;
/usr/include/math.h:template<typename> struct __iseqsig_type;
/usr/include/math.h:    return __iseqsigf (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsig (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsigl (__x, __y);
/usr/include/math.h:    return __iseqsig (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsigf (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsig (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsigf128 (__x, __y);
/usr/include/math.h:    return __iseqsigl (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsig (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:    return __iseqsigl (__x, __y);
/usr/include/math.h:    return __iseqsigf128 (__x, __y);
/usr/include/math.h:};
/usr/include/math.h:  typedef decltype (__MATH_EVAL_FMT2 (__x, __y)) _T3;
/usr/include/math.h:  typedef __typeof (__MATH_EVAL_FMT2 (__x, __y)) _T3;
/usr/include/math.h:  return __iseqsig_type<_T3>::__call (__x, __y);
/usr/include/mcheck.h:};
/usr/include/mcheck.h:extern int mcheck (void (*__abortfunc)(enum
mcheck_status)) __THROW;
/usr/include/mcheck.h:extern int mcheck_pedantic (void (*__abortfunc)(enum
mcheck_status)) __THROW;
/usr/include/mcheck.h:extern void mcheck_check_all (void);
/usr/include/mcheck.h:extern enum mcheck_status mprobe (void *__ptr) __THROW;
/usr/include/mcheck.h:extern void mtrace (void) __THROW;
/usr/include/mcheck.h:extern void muntrace (void) __THROW;
/usr/include/menu.h:  typedef int Menu_Options;
/usr/include/menu.h:  typedef int Item_Options;
/usr/include/menu.h:      const char *str;
/usr/include/menu.h:      unsigned short length;
/usr/include/menu.h:  TEXT;
/usr/include/menu.h:  struct tagMENU;
/usr/include/menu.h:      short x;
/usr/include/menu.h:      struct tagITEM *right;
/usr/include/menu.h:      struct tagITEM *up;
/usr/include/menu.h:      struct tagITEM *down;
/usr/include/menu.h:  ITEM;
/usr/include/menu.h:  typedef void (*Menu_Hook) (struct tagMENU *);
/usr/include/menu.h:      Menu_Hook menuterm;
/usr/include/menu.h:      Menu_Hook iteminit;
/usr/include/menu.h:      Menu_Hook itemterm;
/usr/include/menu.h:  MENU;
/usr/include/menu.h:  extern MENU_EXPORT(ITEM **) menu_items(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(ITEM *) current_item(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(ITEM *) new_item(const char *, const
char *);
/usr/include/menu.h:  extern MENU_EXPORT(MENU *) new_menu(ITEM **);
/usr/include/menu.h:  extern MENU_EXPORT(Item_Options) item_opts(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(Menu_Options) menu_opts(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(Menu_Hook) item_init(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(Menu_Hook) item_term(const MENU *);
```

```
/usr/include/menu.h:  extern MENU_EXPORT(Menu_Hook) menu_init(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(Menu_Hook) menu_term(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(WINDOW *) menu_sub(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(WINDOW *) menu_win(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(const char *) item_description(const
ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(const char *) item_name(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(const char *) menu_mark(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(const char *) menu_request_name(int);
/usr/include/menu.h:  extern MENU_EXPORT(char *) menu_pattern(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(void *) menu_userptr(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(void *) item_userptr(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(chtype) menu_back(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(chtype) menu_fore(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(chtype) menu_grey(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) free_item(ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(int) free_menu(MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) item_count(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) item_index(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(int) item_opts_off(ITEM *,
Item_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) item_opts_on(ITEM *,
Item_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_driver(MENU *, int);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_opts_off(MENU *,
Menu_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_opts_on(MENU *,
Menu_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_pad(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) pos_menu_cursor(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) post_menu(MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) scale_menu(const MENU *, int *,
int *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_current_item(MENU *menu, ITEM
*item);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_item_init(MENU *, Menu_Hook);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_item_opts(ITEM *,
Item_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_item_term(MENU *, Menu_Hook);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_item_userptr(ITEM *, void *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_item_value(ITEM *, bool);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_back(MENU *, chtype);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_fore(MENU *, chtype);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_format(MENU *, int, int);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_grey(MENU *, chtype);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_init(MENU *, Menu_Hook);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_items(MENU *, ITEM **);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_mark(MENU *, const char
*);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_opts(MENU *,
Menu_Options);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_pad(MENU *, int);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_pattern(MENU *, const
char *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_sub(MENU *, WINDOW *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_term(MENU *, Menu_Hook);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_userptr(MENU *, void *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_win(MENU *, WINDOW *);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_top_row(MENU *, int);
/usr/include/menu.h:  extern MENU_EXPORT(int) top_row(const MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) unpost_menu(MENU *);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_request_by_name(const char
*);
/usr/include/menu.h:  extern MENU_EXPORT(int) set_menu_spacing(MENU *, int, int,
```

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int);
/usr/include/menu.h:  extern MENU_EXPORT(int) menu_spacing(const MENU *, int *,
int *, int *);
/usr/include/menu.h:  extern MENU_EXPORT(bool) item_value(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(bool) item_visible(const ITEM *);
/usr/include/menu.h:  extern MENU_EXPORT(void) menu_format(const MENU *, int *,
int *);
/usr/include/menu.h:  extern MENU_EXPORT(MENU *) NCURSES_SP_NAME(new_menu)
(SCREEN *, ITEM **);
/usr/include/mntent.h:  };
/usr/include/mntent.h:extern FILE *setmntent (const char *__file, const char
*__mode) __THROW;
/usr/include/mntent.h:extern struct mntent *getmntent (FILE *__stream) __THROW;
/usr/include/mntent.h:                                int __bufsize) __THROW;
/usr/include/mntent.h:                const struct mntent *__restrict __mnt)
__THROW;
/usr/include/mntent.h:extern int endmntent (FILE *__stream) __THROW;
/usr/include/mntent.h:                   const char *__opt) __THROW;
/usr/include/monetary.h:typedef __ssize_t ssize_t;
/usr/include/monetary.h:     __attr_access ((__write_only__, 1, 2));
/usr/include/monetary.h:     __attr_access ((__write_only__, 1, 2));
/usr/include/mpc.h:typedef int mpc_rnd_t;
/usr/include/mpc.h:  mpfr_t re;
/usr/include/mpc.h:  mpfr_t im;
/usr/include/mpc.h:__mpc_struct;
/usr/include/mpc.h:typedef __mpc_struct mpc_t[1];
/usr/include/mpc.h:typedef __mpc_struct *mpc_ptr;
/usr/include/mpc.h:typedef const __mpc_struct *mpc_srcptr;
/usr/include/mpc.h:   int64_t mant;
/usr/include/mpc.h:   int64_t exp;
/usr/include/mpc.h:__mpcr_struct;
/usr/include/mpc.h:typedef __mpcr_struct mpcr_t [1];
/usr/include/mpc.h:typedef __mpcr_struct *mpcr_ptr;
/usr/include/mpc.h:typedef const __mpcr_struct *mpcr_srcptr;
/usr/include/mpc.h:  mpc_t  c;
/usr/include/mpc.h:  mpcr_t r;
/usr/include/mpc.h:__mpcb_struct;
/usr/include/mpc.h:typedef __mpcb_struct mpcb_t [1];
/usr/include/mpc.h:typedef __mpcb_struct *mpcb_ptr;
/usr/include/mpc.h:typedef const __mpcb_struct *mpcb_srcptr;
/usr/include/mpc.h:   https://sympa.inria.fr/sympa/arc/mpc-discuss/2011-11/ ;
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_add       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_add_fr    (mpc_ptr, mpc_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_add_si    (mpc_ptr, mpc_srcptr, long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_add_ui    (mpc_ptr, mpc_srcptr,
unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sub       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sub_fr    (mpc_ptr, mpc_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_fr_sub    (mpc_ptr, mpfr_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sub_ui    (mpc_ptr, mpc_srcptr,
unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_ui_ui_sub (mpc_ptr, unsigned long
int, unsigned long int, mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_fr    (mpc_ptr, mpc_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_ui    (mpc_ptr, mpc_srcptr,
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unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_si    (mpc_ptr, mpc_srcptr, long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_i     (mpc_ptr, mpc_srcptr, int,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sqr       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_div       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_fr    (mpc_ptr, mpc_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_ld    (mpc_ptr, mpc_srcptr, long
double, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_d     (mpc_ptr, mpc_srcptr,
double, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_si    (mpc_ptr, mpc_srcptr, long,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_ui    (mpc_ptr, mpc_srcptr,
unsigned long, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_pow_z     (mpc_ptr, mpc_srcptr,
mpz_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_div_fr    (mpc_ptr, mpc_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_fr_div    (mpc_ptr, mpfr_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_div_ui    (mpc_ptr, mpc_srcptr,
unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_ui_div    (mpc_ptr, unsigned long
int, mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_div_2ui   (mpc_ptr, mpc_srcptr,
unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_2ui   (mpc_ptr, mpc_srcptr,
unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_div_2si   (mpc_ptr, mpc_srcptr, long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_mul_2si   (mpc_ptr, mpc_srcptr, long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_conj      (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_neg       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sum (mpc_ptr, const mpc_ptr *,
unsigned long, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_dot (mpc_ptr, const mpc_ptr *, const
mpc_ptr *, unsigned long, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_norm      (mpfr_ptr, mpc_srcptr,
mpfr_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_abs       (mpfr_ptr, mpc_srcptr,
mpfr_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sqrt      (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_d     (mpc_ptr, double,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_d_d   (mpc_ptr, double, double,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_ld    (mpc_ptr, long double,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_ld_ld (mpc_ptr, long double, long
double, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_f     (mpc_ptr, mpf_srcptr,
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mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_f_f   (mpc_ptr, mpf_srcptr,
mpf_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_fr    (mpc_ptr, mpfr_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_fr_fr (mpc_ptr, mpfr_srcptr,
mpfr_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_q     (mpc_ptr, mpq_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_q_q   (mpc_ptr, mpq_srcptr,
mpq_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_si    (mpc_ptr, long int,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_si_si (mpc_ptr, long int, long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_ui    (mpc_ptr, unsigned long
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_ui_ui (mpc_ptr, unsigned long
int, unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_z     (mpc_ptr, mpz_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_z_z   (mpc_ptr, mpz_srcptr,
mpz_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_swap      (mpc_ptr, mpc_ptr);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_fma       (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_set_nan   (mpc_ptr);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_real       (mpfr_ptr, mpc_srcptr,
mpfr_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_imag       (mpfr_ptr, mpc_srcptr,
mpfr_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_arg        (mpfr_ptr, mpc_srcptr,
mpfr_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_proj       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_cmp        (mpc_srcptr, mpc_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_cmp_si_si   (mpc_srcptr, long int,
long int);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_cmp_abs    (mpc_srcptr, mpc_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_exp        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_log        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_log10      (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_agm        (mpc_ptr, mpc_srcptr,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sin        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_cos        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sin_cos    (mpc_ptr, mpc_ptr,
mpc_srcptr, mpc_rnd_t, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_tan        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_sinh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_cosh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_tanh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_asin       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_acos       (mpc_ptr, mpc_srcptr,
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mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_atan        (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_asinh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_acosh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_atanh       (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_rootofunity (mpc_ptr, unsigned long
int, unsigned long int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_clear       (mpc_ptr);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_urandom     (mpc_ptr,
gmp_randstate_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_init2       (mpc_ptr, mpfr_prec_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_init3       (mpc_ptr, mpfr_prec_t,
mpfr_prec_t);
/usr/include/mpc.h:__MPC_DECLSPEC mpfr_prec_t mpc_get_prec (mpc_srcptr x);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_get_prec2   (mpfr_prec_t *pr,
mpfr_prec_t *pi, mpc_srcptr x);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_set_prec    (mpc_ptr, mpfr_prec_t);
/usr/include/mpc.h:__MPC_DECLSPEC const char * mpc_get_version (void);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_strtoc      (mpc_ptr, const char *,
char **, int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_str     (mpc_ptr, const char *,
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC char * mpc_get_str   (int, size_t, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpc_free_str    (char *);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_sj      (mpc_ptr, intmax_t,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_uj      (mpc_ptr, uintmax_t,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_sj_sj   (mpc_ptr, intmax_t,
intmax_t, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_uj_uj   (mpc_ptr, uintmax_t,
uintmax_t, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_dc      (mpc_ptr, double
_Complex, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int  mpc_set_ldc     (mpc_ptr, long double
_Complex, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC double _Complex mpc_get_dc (mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC long double _Complex mpc_get_ldc (mpc_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int mpc_inp_str    (mpc_ptr, FILE *, size_t *,
int, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC size_t mpc_out_str (FILE *, int, size_t,
mpc_srcptr, mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_out_str  (FILE *f, mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_out_str (FILE *f, mpcr_srcptr r);
/usr/include/mpc.h:__MPC_DECLSPEC int mpcr_inf_p (mpcr_srcptr r);
/usr/include/mpc.h:__MPC_DECLSPEC int mpcr_zero_p (mpcr_srcptr r);
/usr/include/mpc.h:__MPC_DECLSPEC int mpcr_lt_half_p (mpcr_srcptr r);
/usr/include/mpc.h:__MPC_DECLSPEC int mpcr_cmp (mpcr_srcptr r, mpcr_srcptr s);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_set_inf (mpcr_ptr r);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_set_zero (mpcr_ptr r);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_set_one (mpcr_ptr r);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_set (mpcr_ptr r, mpcr_srcptr s);
/usr/include/mpc.h:   int64_t exp);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_max (mpcr_ptr r, mpcr_srcptr s,
mpcr_srcptr t);
/usr/include/mpc.h:__MPC_DECLSPEC int64_t mpcr_get_exp (mpcr_srcptr r);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_mul (mpcr_ptr r, mpcr_srcptr s,
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mpcr_srcptr t);
/usr/include/mpc.h:   unsigned long int e);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_sqr (mpcr_ptr r, mpcr_srcptr s);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_add (mpcr_ptr r, mpcr_srcptr s,
mpcr_srcptr t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_sub (mpcr_ptr r, mpcr_srcptr s,
mpcr_srcptr t);
/usr/include/mpc.h:   mpfr_rnd_t rnd);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_div (mpcr_ptr r, mpcr_srcptr s,
mpcr_srcptr t);
/usr/include/mpc.h:   unsigned long int e);
/usr/include/mpc.h:__MPC_DECLSPEC int64_t sqrt_int64 (int64_t n);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcr_sqrt (mpcr_ptr r, mpcr_srcptr s);
/usr/include/mpc.h:   mpfr_rnd_t rnd);
/usr/include/mpc.h:   mpfr_rnd_t rnd);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_init (mpcb_ptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_clear (mpcb_ptr);
/usr/include/mpc.h:__MPC_DECLSPEC mpfr_prec_t mpcb_get_prec (mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_set_prec (mpcb_ptr, mpfr_prec_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_set (mpcb_ptr, mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_set_inf (mpcb_ptr);
/usr/include/mpc.h:   unsigned long int, unsigned long int);
/usr/include/mpc.h:   unsigned long int, mpfr_prec_t);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_neg (mpcb_ptr, mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_mul (mpcb_ptr, mpcb_srcptr,
mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_sqr (mpcb_ptr, mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_pow_ui (mpcb_ptr, mpcb_srcptr,
unsigned long int);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_add (mpcb_ptr, mpcb_srcptr,
mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_sqrt (mpcb_ptr, mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_div (mpcb_ptr, mpcb_srcptr,
mpcb_srcptr);
/usr/include/mpc.h:__MPC_DECLSPEC void mpcb_div_2ui (mpcb_ptr, mpcb_srcptr,
unsigned long int);
/usr/include/mpc.h:   mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int mpcb_round (mpc_ptr, mpcb_srcptr,
mpc_rnd_t);
/usr/include/mpc.h:__MPC_DECLSPEC int mpc_eta_fund (mpc_ptr, mpc_srcptr,
mpc_rnd_t);
/usr/include/mpfr.h:typedef void            mpfr_void;
/usr/include/mpfr.h:typedef int             mpfr_int;
/usr/include/mpfr.h:typedef unsigned int    mpfr_uint;
/usr/include/mpfr.h:typedef long            mpfr_long;
/usr/include/mpfr.h:typedef unsigned long   mpfr_ulong;
/usr/include/mpfr.h:typedef size_t          mpfr_size_t;
/usr/include/mpfr.h:   TODO: The tests currently assume that the flags fits in
an unsigned int;
/usr/include/mpfr.h:typedef unsigned int    mpfr_flags_t;
/usr/include/mpfr.h:} mpfr_rnd_t;
/usr/include/mpfr.h:typedef short mpfr_prec_t;
/usr/include/mpfr.h:typedef unsigned short mpfr_uprec_t;
/usr/include/mpfr.h:typedef int   mpfr_prec_t;
/usr/include/mpfr.h:typedef unsigned int   mpfr_uprec_t;
/usr/include/mpfr.h:typedef long  mpfr_prec_t;
/usr/include/mpfr.h:typedef unsigned long  mpfr_uprec_t;
/usr/include/mpfr.h:typedef int          mpfr_sign_t;
/usr/include/mpfr.h:typedef short mpfr_exp_t;
/usr/include/mpfr.h:typedef unsigned short mpfr_uexp_t;
/usr/include/mpfr.h:typedef int mpfr_exp_t;
/usr/include/mpfr.h:typedef unsigned int mpfr_uexp_t;
/usr/include/mpfr.h:typedef long mpfr_exp_t;
/usr/include/mpfr.h:typedef unsigned long mpfr_uexp_t;
```

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/usr/include/mpfr.h:typedef intmax_t mpfr_exp_t;
/usr/include/mpfr.h:typedef uintmax_t mpfr_uexp_t;
/usr/include/mpfr.h:  mpfr_prec_t  _mpfr_prec;
/usr/include/mpfr.h:  mpfr_sign_t  _mpfr_sign;
/usr/include/mpfr.h:  mpfr_exp_t   _mpfr_exp;
/usr/include/mpfr.h:  mp_limb_t   *_mpfr_d;
/usr/include/mpfr.h:} __mpfr_struct;
/usr/include/mpfr.h:typedef __mpfr_struct mpfr_t[1];
/usr/include/mpfr.h:typedef __mpfr_struct *mpfr_ptr;
/usr/include/mpfr.h:typedef const __mpfr_struct *mpfr_srcptr;
/usr/include/mpfr.h:} mpfr_kind_t;
/usr/include/mpfr.h:} mpfr_free_cache_t;
/usr/include/mpfr.h:     |__MPFR_DECLSPEC int mpfr_funcname (...);
/usr/include/mpfr.h:__MPFR_DECLSPEC MPFR_RETURNS_NONNULL const char *
mpfr_get_version (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC MPFR_RETURNS_NONNULL const char *
mpfr_get_patches (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_buildopt_tls_p          (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_buildopt_float128_p     (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_buildopt_decimal_p      (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_buildopt_gmpinternals_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_buildopt_sharedcache_p  (void);
/usr/include/mpfr.h:  mpfr_buildopt_tune_case (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emin     (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int        mpfr_set_emin     (mpfr_exp_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emin_min (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emin_max (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emax     (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int        mpfr_set_emax     (mpfr_exp_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emax_min (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_emax_max (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_default_rounding_mode
(mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_rnd_t mpfr_get_default_rounding_mode
(void);
/usr/include/mpfr.h:__MPFR_DECLSPEC const char * mpfr_print_rnd_mode
(mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_flags (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_underflow (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_overflow (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_divby0 (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_nanflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_inexflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear_erangeflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_underflow (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_overflow (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_divby0 (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_nanflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_inexflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_erangeflag (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_underflow_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_overflow_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_divby0_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_nanflag_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_inexflag_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_erangeflag_p (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_flags_clear (mpfr_flags_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_flags_set (mpfr_flags_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_flags_t mpfr_flags_test (mpfr_flags_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_flags_t mpfr_flags_save (void);
/usr/include/mpfr.h:                                          mpfr_flags_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_check_range (mpfr_ptr, int,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_init2 (mpfr_ptr, mpfr_prec_t);
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/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_init (mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_clear (mpfr_ptr);
/usr/include/mpfr.h:  mpfr_inits2 (mpfr_prec_t, mpfr_ptr, ...)
__MPFR_SENTINEL_ATTR;
/usr/include/mpfr.h:  mpfr_inits (mpfr_ptr, ...) __MPFR_SENTINEL_ATTR;
/usr/include/mpfr.h:  mpfr_clears (mpfr_ptr, ...) __MPFR_SENTINEL_ATTR;
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_prec_round (mpfr_ptr, mpfr_prec_t,
mpfr_rnd_t);
/usr/include/mpfr.h:                                        mpfr_rnd_t,
mpfr_prec_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_prec_t mpfr_min_prec (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_exp (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_exp (mpfr_ptr, mpfr_exp_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_prec_t mpfr_get_prec (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_prec (mpfr_ptr, mpfr_prec_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_prec_raw (mpfr_ptr,
mpfr_prec_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_default_prec (mpfr_prec_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_prec_t mpfr_get_default_prec (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_d (mpfr_ptr, double,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_flt (mpfr_ptr, float,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_decimal64 (mpfr_ptr,
_Decimal64, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_decimal128 (mpfr_ptr,
_Decimal128, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_ld (mpfr_ptr, long double,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_float128 (mpfr_ptr, _Float128,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC _Float128 mpfr_get_float128 (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_z (mpfr_ptr, mpz_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:                                          mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_nan (mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_inf (mpfr_ptr, int);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_set_zero (mpfr_ptr, int);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_f (mpfr_ptr, mpf_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_f (mpfr_srcptr, mpf_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_get_f (mpf_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_si (mpfr_ptr, long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_ui (mpfr_ptr, unsigned long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_si_2exp (mpfr_ptr, long,
mpfr_exp_t, mpfr_rnd_t);
/usr/include/mpfr.h:                                           mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_q (mpfr_ptr, mpq_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul_q (mpfr_ptr, mpfr_srcptr,
mpq_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div_q (mpfr_ptr, mpfr_srcptr,
mpq_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_add_q (mpfr_ptr, mpfr_srcptr,
mpq_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sub_q (mpfr_ptr, mpfr_srcptr,
mpq_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_q (mpfr_srcptr, mpq_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_get_q (mpq_ptr q, mpfr_srcptr f);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_str (mpfr_ptr, const char *,
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int, mpfr_rnd_t);
/usr/include/mpfr.h:                                          mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set4 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t, int);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_abs (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_neg (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_signbit (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_setsign (mpfr_ptr, mpfr_srcptr,
int, mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_get_z_2exp (mpz_ptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC float mpfr_get_flt (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC double mpfr_get_d (mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC _Decimal64 mpfr_get_decimal64 (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC _Decimal128 mpfr_get_decimal128
(mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC long double mpfr_get_ld (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC double mpfr_get_d1 (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC double mpfr_get_d_2exp (long*, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC long double mpfr_get_ld_2exp (long*,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_frexp (mpfr_exp_t*, mpfr_ptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC long mpfr_get_si (mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC unsigned long mpfr_get_ui (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC size_t mpfr_get_str_ndigits (int,
mpfr_prec_t);
/usr/include/mpfr.h:                                          mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_get_z (mpz_ptr z, mpfr_srcptr f,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_free_str (char *);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_urandom (mpfr_ptr, gmp_randstate_t,
mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_nrandom (mpfr_ptr, gmp_randstate_t,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_erandom (mpfr_ptr, gmp_randstate_t,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_urandomb (mpfr_ptr,
gmp_randstate_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_nextabove (mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_nextbelow (mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_nexttoward (mpfr_ptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_printf (const char*, ...);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_asprintf (char**, const
char*, ...);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sprintf (char*, const char*, ...);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_snprintf (char*, size_t, const
char*, ...);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_pow (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_powr (mpfr_ptr, mpfr_srcptr,
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mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_pow_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_compound_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_pow_z (mpfr_ptr, mpfr_srcptr,
mpz_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sqrt (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sqrt_ui (mpfr_ptr, unsigned long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rec_sqrt (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_add (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sub (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_add_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sub_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_si_sub (mpfr_ptr, long,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_si_div (mpfr_ptr, long,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_add_d (mpfr_ptr, mpfr_srcptr,
double, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sub_d (mpfr_ptr, mpfr_srcptr,
double, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_d_sub (mpfr_ptr, double,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul_d (mpfr_ptr, mpfr_srcptr,
double, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div_d (mpfr_ptr, mpfr_srcptr,
double, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_d_div (mpfr_ptr, double,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sqr (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_const_pi (mpfr_ptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_const_log2 (mpfr_ptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_const_euler (mpfr_ptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_const_catalan (mpfr_ptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_agm (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log (mpfr_ptr, mpfr_srcptr,
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mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log2 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log10 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log1p (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log2p1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log10p1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_log_ui (mpfr_ptr, unsigned long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_exp (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_exp2 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_exp10 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_expm1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_exp2m1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_exp10m1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_eint (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_li2 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp  (mpfr_srcptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp3 (mpfr_srcptr, mpfr_srcptr,
int);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_d (mpfr_srcptr, double);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_ld (mpfr_srcptr, long double);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_ui (mpfr_srcptr, unsigned
long);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_si (mpfr_srcptr, long);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_ui_2exp (mpfr_srcptr, unsigned
long, mpfr_exp_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_si_2exp (mpfr_srcptr, long,
mpfr_exp_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmpabs (mpfr_srcptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmpabs_ui (mpfr_srcptr, unsigned
long);
/usr/include/mpfr.h:                                      mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_eq (mpfr_srcptr, mpfr_srcptr,
unsigned long);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sgn (mpfr_srcptr);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:                                      mpfr_rnd_t);
/usr/include/mpfr.h:                                      mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul_2si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div_2si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_roundeven (mpfr_ptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_round (mpfr_ptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_trunc (mpfr_ptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_ceil (mpfr_ptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_floor (mpfr_ptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint_roundeven (mpfr_ptr,
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mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint_round (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint_trunc (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint_ceil (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rint_floor (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_frac (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_modf (mpfr_ptr, mpfr_ptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fmod (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:                                     mpfr_rnd_t);
/usr/include/mpfr.h:                                     mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_ulong_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_slong_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_uint_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_sint_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_ushort_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_sshort_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_uintmax_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fits_intmax_p (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_extract (mpz_ptr, mpfr_srcptr,
unsigned int);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_swap (mpfr_ptr, mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_dump (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_nan_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_inf_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_number_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_integer_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_zero_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_regular_p (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_greater_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_greaterequal_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_less_p (mpfr_srcptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_lessequal_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_lessgreater_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_equal_p (mpfr_srcptr, mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_unordered_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atanh (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_acosh (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_asinh (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cosh (mpfr_ptr, mpfr_srcptr,
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mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sinh (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_tanh (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:                                        mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sech (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_csch (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_coth (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_acos (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_asin (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atan (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sin (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sin_cos (mpfr_ptr, mpfr_ptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cos (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_tan (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atan2 (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sec (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_csc (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cot (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sinu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cosu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_tanu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_acosu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_asinu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atanu (mpfr_ptr, mpfr_srcptr,
unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atan2u (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, unsigned long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_acospi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_asinpi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atanpi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_atan2pi (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sinpi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cospi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_tanpi (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_hypot (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
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/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_erf (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_erfc (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cbrt (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:                                mpfr_rnd_t);
/usr/include/mpfr.h:                                    mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_rootn_si (mpfr_ptr, mpfr_srcptr,
long, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_gamma (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:                                     mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_beta (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_lngamma (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_lgamma (mpfr_ptr, int *,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_digamma (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_zeta (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_zeta_ui (mpfr_ptr, unsigned long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fac_ui (mpfr_ptr, unsigned long,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_j0 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_j1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_jn (mpfr_ptr, long, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_y0 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_y1 (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_yn (mpfr_ptr, long, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_ai (mpfr_ptr, mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_min (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_max (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_dim (mpfr_ptr, mpfr_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mul_z (mpfr_ptr, mpfr_srcptr,
mpz_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_div_z (mpfr_ptr, mpfr_srcptr,
mpz_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_add_z (mpfr_ptr, mpfr_srcptr,
mpz_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_sub_z (mpfr_ptr, mpfr_srcptr,
mpz_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_z_sub (mpfr_ptr, mpz_srcptr,
mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_cmp_z (mpfr_srcptr, mpz_srcptr);
/usr/include/mpfr.h:                                  mpfr_rnd_t);
/usr/include/mpfr.h:                                  mpfr_rnd_t);
/usr/include/mpfr.h:                                   mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:                                   mpfr_srcptr, mpfr_rnd_t);
/usr/include/mpfr.h:                                  mpfr_rnd_t);
/usr/include/mpfr.h:                                  unsigned long, mpfr_rnd_t);
```

```
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_free_cache (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_free_cache2 (mpfr_free_cache_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_free_pool (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_mp_memory_cleanup (void);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_subnormalize (mpfr_ptr, int,
mpfr_rnd_t);
/usr/include/mpfr.h:                                       mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_round_nearest_away_begin
(mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_round_nearest_away_end (mpfr_ptr,
int);
/usr/include/mpfr.h:__MPFR_DECLSPEC size_t mpfr_custom_get_size (mpfr_prec_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_custom_init (void *, mpfr_prec_t);
/usr/include/mpfr.h:  mpfr_custom_get_significand (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC mpfr_exp_t mpfr_custom_get_exp
(mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC void mpfr_custom_move (mpfr_ptr, void *);
/usr/include/mpfr.h:                                            mpfr_prec_t, void
*);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_custom_get_kind (mpfr_srcptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_total_order_p (mpfr_srcptr,
mpfr_srcptr);
/usr/include/mpfr.h:   the check that the argument is a pure FP number (done in
the function);
/usr/include/mpfr.h:     mpfr_set_ui (x, "foo", MPFR_RNDN);
/usr/include/mpfr.h: *   MPFR_DEPRECATED extern int mpfr_deprecated_feature;
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_sj (mpfr_ptr, intmax_t,
mpfr_rnd_t);
/usr/include/mpfr.h:                                          mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_set_uj (mpfr_ptr, uintmax_t,
mpfr_rnd_t);
/usr/include/mpfr.h:                                          mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC intmax_t mpfr_get_sj (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC uintmax_t mpfr_get_uj (mpfr_srcptr,
mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_pow_uj (mpfr_ptr, mpfr_srcptr,
uintmax_t, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_pow_sj (mpfr_ptr, mpfr_srcptr,
intmax_t, mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC size_t mpfr_inp_str (mpfr_ptr, FILE*, int,
mpfr_rnd_t);
/usr/include/mpfr.h:                                         mpfr_rnd_t);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fprintf (FILE*, const char*, ...);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fpif_export (FILE*, mpfr_ptr);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_fpif_import (mpfr_ptr, FILE*);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_vprintf (const char*, va_list);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_vasprintf (char**, const char*,
va_list);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_vsprintf (char*, const char*,
va_list);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_vsnprintf (char*, size_t, const
char*, va_list);
/usr/include/mpfr.h:__MPFR_DECLSPEC int mpfr_vfprintf (FILE*, const char*,
va_list);
/usr/include/mqueue.h:  __THROW __nonnull ((1));
/usr/include/mqueue.h:extern int mq_close (mqd_t __mqdes) __THROW;
/usr/include/mqueue.h:  __THROW __nonnull ((2));
/usr/include/mqueue.h:  __THROW __nonnull ((2));
/usr/include/mqueue.h:extern int mq_unlink (const char *__name) __THROW
__nonnull ((1));
/usr/include/mqueue.h:     __THROW;
/usr/include/mqueue.h:                     unsigned int *__msg_prio) __nonnull
((2));
```

```
/usr/include/mqueue.h:              unsigned int __msg_prio) __nonnull ((2));
/usr/include/mqueue.h:  __nonnull ((2, 5));
/usr/include/mqueue.h:  __nonnull ((2, 5));
/usr/include/mqueue.h:  __nonnull ((2, 5));
/usr/include/mqueue.h:  __nonnull ((2, 5));
/usr/include/ncurses.h:typedef unsigned chtype;
/usr/include/ncurses.h:typedef unsigned mmask_t;
/usr/include/ncurses.h:typedef uint32_t chtype;
/usr/include/ncurses.h:typedef uint32_t mmask_t;
/usr/include/ncurses.h:typedef unsigned char NCURSES_BOOL;
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(chtype*, acs_map);
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(chtype) acs_map[];
/usr/include/ncurses.h:SCREEN;
/usr/include/ncurses.h:typedef struct screen  SCREEN;
/usr/include/ncurses.h:typedef struct _win_st WINDOW;
/usr/include/ncurses.h:typedef unsigned short wchar_t1;
/usr/include/ncurses.h:typedef unsigned int wint_t1;
/usr/include/ncurses.h:    attr_t       attr;
/usr/include/ncurses.h:    wchar_t      chars[CCHARW_MAX];
/usr/include/ncurses.h:cchar_t;
/usr/include/ncurses.h:struct ldat;
/usr/include/ncurses.h:     NCURSES_SIZE_T _pad_y,      _pad_x;
/usr/include/ncurses.h:     NCURSES_SIZE_T _pad_top,    _pad_left;
/usr/include/ncurses.h:     NCURSES_SIZE_T _pad_bottom, _pad_right;
/usr/include/ncurses.h: } _pad;
/usr/include/ncurses.h:};
/usr/include/ncurses.h:typedef int (*NCURSES_OUTC)(int);
/usr/include/ncurses.h:         GCC_PRINTFLIKE(3,4);
/usr/include/ncurses.h:         GCC_SCANFLIKE(3,4);
/usr/include/ncurses.h:         GCC_PRINTFLIKE(4,5);
/usr/include/ncurses.h:         GCC_SCANFLIKE(4,5);
/usr/include/ncurses.h:         GCC_PRINTFLIKE(1,2);
/usr/include/ncurses.h:         GCC_SCANFLIKE(1,2);
/usr/include/ncurses.h:         GCC_PRINTFLIKE(2,0);
/usr/include/ncurses.h:         GCC_SCANFLIKE(2,0);
/usr/include/ncurses.h:         GCC_SCANFLIKE(2,0);
/usr/include/ncurses.h:         GCC_PRINTFLIKE(2,3);
/usr/include/ncurses.h:         GCC_SCANFLIKE(2,3);
/usr/include/ncurses.h:typedef int (*NCURSES_WINDOW_CB)(WINDOW *, void *);
/usr/include/ncurses.h:typedef int (*NCURSES_SCREEN_CB)(SCREEN *, void *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(bool) is_term_resized (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) keybound (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(const char *) curses_version
(void);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) alloc_pair (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) assume_default_colors (int,
int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) define_key (const char *,
int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) extended_color_content(int,
int *, int *, int *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) extended_pair_content(int, int
*, int *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) extended_slk_color(int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) find_pair (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) free_pair (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) get_escdelay (void);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) init_extended_color(int, int,
int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) init_extended_pair(int, int,
int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) key_defined (const char *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) keyok (int, bool);
/usr/include/ncurses.h:extern NCURSES_EXPORT(void) reset_color_pairs (void);
```

```
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) resize_term (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) resizeterm (int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) set_escdelay (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) set_tabsize (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) use_default_colors (void);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) use_extended_names (bool);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) use_legacy_coding (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) use_screen (SCREEN *,
NCURSES_SCREEN_CB, void *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) use_window (WINDOW *,
NCURSES_WINDOW_CB, void *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int) wresize (WINDOW *, int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(void) nofilter(void);
/usr/include/ncurses.h:typedef int (*NCURSES_SP_OUTC)(SCREEN*, int);
/usr/include/ncurses.h:NCURSES_EXPORT(int) vsscanf(const char *, const char *,
va_list);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(WINDOW *, curscr);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(WINDOW *, newscr);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(WINDOW *, stdscr);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(char *, ttytype);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, COLORS);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, COLOR_PAIRS);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, COLS);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, ESCDELAY);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, LINES);
/usr/include/ncurses.h:NCURSES_WRAPPED_VAR(int, TABSIZE);
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(WINDOW *) curscr;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(WINDOW *) newscr;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(WINDOW *) stdscr;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(char) ttytype[];
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) COLORS;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) COLOR_PAIRS;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) COLS;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) ESCDELAY;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) LINES;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(int) TABSIZE;
/usr/include/ncurses.h:extern NCURSES_EXPORT_VAR(cchar_t *) _nc_wacs;
/usr/include/ncurses.h:extern NCURSES_EXPORT(const char *) _nc_viswbuf(const
wchar_t *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(const char *) _nc_viswibuf(const
wint_t *);
/usr/include/ncurses.h:MEVENT;
/usr/include/ncurses.h:extern NCURSES_EXPORT(bool)    has_mouse(void);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)     getmouse (MEVENT *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)     ungetmouse (MEVENT *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(mmask_t) mousemask (mmask_t,
mmask_t *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(bool)    wenclose (const WINDOW *,
int, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)     mouseinterval (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(bool)    wmouse_trafo (const
WINDOW*, int*, int*, bool);
/usr/include/ncurses.h:extern NCURSES_EXPORT(bool)    NCURSES_SP_NAME(has_mouse)
(SCREEN*);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(getmouse)
(SCREEN*, MEVENT *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)
NCURSES_SP_NAME(ungetmouse) (SCREEN*,MEVENT *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(mmask_t) NCURSES_SP_NAME(mousemask)
(SCREEN*, mmask_t, mmask_t *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(int)
NCURSES_SP_NAME(mouseinterval) (SCREEN*, int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(void) _tracef (const char *, ...)
GCC_PRINTFLIKE(1,2);
```

```
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _traceattr (attr_t);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _traceattr2 (int, chtype);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _tracechar (int);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _tracechtype (chtype);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _tracechtype2 (int,
chtype);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _tracecchar_t (const
cchar_t *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(char *) _tracecchar_t2 (int, const
cchar_t *);
/usr/include/ncurses.h:extern NCURSES_EXPORT(void) trace (const unsigned)
GCC_DEPRECATED("use curses_trace");
/usr/include/ncurses.h:extern NCURSES_EXPORT(unsigned) curses_trace (const
unsigned);
/usr/include/ncurses.h:extern NCURSES_EXPORT(const char *) _nc_visbuf (const
char *);
/usr/include/ncurses.h:extern GCC_NORETURN NCURSES_EXPORT(void) exit_curses
(int);
/usr/include/netdb.h:extern int *__h_errno_location (void) __THROW __attribute__
((__const__));
/usr/include/netdb.h:extern void herror (const char *__str) __THROW;
/usr/include/netdb.h:extern const char *hstrerror (int __err_num) __THROW;
/usr/include/netdb.h:};
/usr/include/netdb.h:extern void sethostent (int __stay_open);
/usr/include/netdb.h:extern void endhostent (void);
/usr/include/netdb.h:extern struct hostent *gethostent (void);
/usr/include/netdb.h:                                      int __type);
/usr/include/netdb.h:extern struct hostent *gethostbyname (const char *__name);
/usr/include/netdb.h:extern struct hostent *gethostbyname2 (const char *__name,
int __af);
/usr/include/netdb.h:                    int *__restrict __h_errnop);
/usr/include/netdb.h:                       int *__restrict __h_errnop);
/usr/include/netdb.h:                       int *__restrict __h_errnop);
/usr/include/netdb.h:                        int *__restrict __h_errnop);
/usr/include/netdb.h:extern void setnetent (int __stay_open);
/usr/include/netdb.h:extern void endnetent (void);
/usr/include/netdb.h:extern struct netent *getnetent (void);
/usr/include/netdb.h:extern struct netent *getnetbyaddr (uint32_t __net, int
__type);
/usr/include/netdb.h:extern struct netent *getnetbyname (const char *__name);
/usr/include/netdb.h:                   int *__restrict __h_errnop);
/usr/include/netdb.h:                      int *__restrict __h_errnop);
/usr/include/netdb.h:                      int *__restrict __h_errnop);
/usr/include/netdb.h:};
/usr/include/netdb.h:extern void setservent (int __stay_open);
/usr/include/netdb.h:extern void endservent (void);
/usr/include/netdb.h:extern struct servent *getservent (void);
/usr/include/netdb.h:extern struct servent *getservbyname (const char *__name,
const char *__proto);
/usr/include/netdb.h:extern struct servent *getservbyport (int __port, const
char *__proto);
/usr/include/netdb.h:                    struct servent **__restrict __result);
/usr/include/netdb.h:                       struct servent **__restrict
__result);
/usr/include/netdb.h:                       struct servent **__restrict
__result);
/usr/include/netdb.h:};
/usr/include/netdb.h:extern void setprotoent (int __stay_open);
/usr/include/netdb.h:extern void endprotoent (void);
/usr/include/netdb.h:extern struct protoent *getprotoent (void);
/usr/include/netdb.h:extern struct protoent *getprotobyname (const char
*__name);
/usr/include/netdb.h:extern struct protoent *getprotobynumber (int __proto);
/usr/include/netdb.h:                     struct protoent **__restrict
```

```
__result);
/usr/include/netdb.h:                        struct protoent **__restrict
__result);
/usr/include/netdb.h:                          struct protoent **__restrict
__result);
/usr/include/netdb.h:extern int setnetgrent (const char *__netgroup);
/usr/include/netdb.h:extern void endnetgrent (void);
/usr/include/netdb.h:                    char **__restrict __domainp);
/usr/include/netdb.h:                const char *__user, const char *__domain);
/usr/include/netdb.h:                      char *__restrict __buffer, size_t
__buflen);
/usr/include/netdb.h:            const char *__restrict __cmd, int *__restrict
__fd2p);
/usr/include/netdb.h:               sa_family_t __af);
/usr/include/netdb.h:             const char *__restrict __cmd, int *__restrict
__fd2p);
/usr/include/netdb.h:                sa_family_t __af);
/usr/include/netdb.h:               const char *__remuser, const char
*__locuser);
/usr/include/netdb.h:                  sa_family_t __af);
/usr/include/netdb.h:                const char *__remuser, const char
*__locuser);
/usr/include/netdb.h:                    sa_family_t __af);
/usr/include/netdb.h:extern int rresvport (int *__alport);
/usr/include/netdb.h:extern int rresvport_af (int *__alport, sa_family_t __af);
/usr/include/netdb.h:};
/usr/include/netdb.h:  int __return;
/usr/include/netdb.h:  int __glibc_reserved[5];
/usr/include/netdb.h:};
/usr/include/netdb.h:                    struct addrinfo **__restrict __pai);
/usr/include/netdb.h:extern void freeaddrinfo (struct addrinfo *__ai) __THROW;
/usr/include/netdb.h:extern const char *gai_strerror (int __ecode) __THROW;
/usr/include/netdb.h:                    socklen_t __servlen, int __flags);
/usr/include/netdb.h:                      int __ent, struct sigevent *__restrict
__sig);
/usr/include/netdb.h:                    const struct timespec *__timeout);
/usr/include/netdb.h:                        __gai_suspend_time64);
/usr/include/netdb.h:extern int gai_error (struct gaicb *__req) __THROW;
/usr/include/netdb.h:extern int gai_cancel (struct gaicb *__gaicbp) __THROW;
/usr/include/nl_types.h:typedef void *nl_catd;
/usr/include/nl_types.h:typedef int nl_item;
/usr/include/nl_types.h:extern nl_catd catopen (const char *__cat_name, int
__flag) __nonnull ((1));
/usr/include/nl_types.h:                       const char *__string) __THROW
__nonnull ((1));
/usr/include/nl_types.h:extern int catclose (nl_catd __catalog) __THROW
__nonnull ((1));
/usr/include/nss.h:};
/usr/include/nss.h:    struct gaih_addrtuple *next;
/usr/include/nss.h:    char *name;
/usr/include/nss.h:    int family;
/usr/include/nss.h:    uint32_t addr[4];
/usr/include/nss.h:    uint32_t scopeid;
/usr/include/nss.h:  };
/usr/include/nss.h:                                      const char *__string)
__THROW;
/usr/include/nss.h:struct __netgrent;
/usr/include/nss.h:struct aliasent;
/usr/include/nss.h:struct ether_addr;
/usr/include/nss.h:struct etherent;
/usr/include/nss.h:struct group;
/usr/include/nss.h:struct hostent;
/usr/include/nss.h:struct netent;
/usr/include/nss.h:struct passwd;
```

```
/usr/include/nss.h:struct protoent;
/usr/include/nss.h:struct rpcent;
/usr/include/nss.h:struct servent;
/usr/include/nss.h:struct sgrp;
/usr/include/nss.h:struct spwd;
/usr/include/nss.h:struct traced_file;
/usr/include/nss.h:typedef enum nss_status nss_endaliasent (void);
/usr/include/nss.h:typedef enum nss_status nss_endetherent (void);
/usr/include/nss.h:typedef enum nss_status nss_endgrent (void);
/usr/include/nss.h:typedef enum nss_status nss_endhostent (void);
/usr/include/nss.h:typedef enum nss_status nss_endnetent (void);
/usr/include/nss.h:typedef enum nss_status nss_endnetgrent (struct __netgrent
*);
/usr/include/nss.h:typedef enum nss_status nss_endprotoent (void);
/usr/include/nss.h:typedef enum nss_status nss_endpwent (void);
/usr/include/nss.h:typedef enum nss_status nss_endrpcent (void);
/usr/include/nss.h:typedef enum nss_status nss_endservent (void);
/usr/include/nss.h:typedef enum nss_status nss_endsgent (void);
/usr/include/nss.h:typedef enum nss_status nss_endspent (void);
/usr/include/nss.h:                                                 char *, size_t,
int *);
/usr/include/nss.h:                                               char *, size_t,
int *);
/usr/include/nss.h:                                                char **, int *,
int *);
/usr/include/nss.h:                                               char *, size_t,
int *);
/usr/include/nss.h:typedef enum nss_status nss_getgrent_r (struct group *, char
*, size_t, int *);
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:                                                  int *, int *,
int32_t *);
/usr/include/nss.h:                                                 int *, int *);
/usr/include/nss.h:                                                  int *, int *);
/usr/include/nss.h:                                                  char **);
/usr/include/nss.h:                                                  int *, int *,
int32_t *);
/usr/include/nss.h:                                                 char *, size_t,
int *, int *);
/usr/include/nss.h:                                               int *, int *);
/usr/include/nss.h:                                               char *, size_t, int
*);
/usr/include/nss.h:                                                 char *, size_t,
int *, int *);
/usr/include/nss.h:                                                 char *, size_t,
int *, int *);
/usr/include/nss.h:                                              char *, size_t, int
*, int *);
/usr/include/nss.h:                                                 char *, size_t,
int *);
/usr/include/nss.h:                                              int *);
/usr/include/nss.h:                                                  char *, size_t,
int *);
/usr/include/nss.h:                                                    char *,
size_t, int *);
/usr/include/nss.h:                                                 char *, size_t,
int *);
/usr/include/nss.h:typedef enum nss_status nss_getpublickey (const char *, char
*, int *);
/usr/include/nss.h:                                             char *, size_t, int
*);
```

```
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:                                                 char *, size_t,
int *);
/usr/include/nss.h:                                                   char *, size_t,
int *);
/usr/include/nss.h:                                              char *, size_t, int
*);
/usr/include/nss.h:typedef enum nss_status nss_getsecretkey (const char *, char
*, char *, int *);
/usr/include/nss.h:                                                  int *);
/usr/include/nss.h:                                                  int *);
/usr/include/nss.h:                                               int *);
/usr/include/nss.h:typedef enum nss_status nss_getsgent_r (struct sgrp *, char
*, size_t, int *);
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:typedef enum nss_status nss_getspent_r (struct spwd *, char
*, size_t, int *);
/usr/include/nss.h:                                             char *, size_t, int
*);
/usr/include/nss.h:typedef void nss_init (void (*) (size_t, struct traced_file
*));
/usr/include/nss.h:                                               int *);
/usr/include/nss.h:                                              int *, __gid_t *,
int *);
/usr/include/nss.h:typedef enum nss_status nss_setaliasent (void);
/usr/include/nss.h:typedef enum nss_status nss_setetherent (int);
/usr/include/nss.h:typedef enum nss_status nss_setgrent (int);
/usr/include/nss.h:typedef enum nss_status nss_sethostent (int);
/usr/include/nss.h:typedef enum nss_status nss_setnetent (int);
/usr/include/nss.h:typedef enum nss_status nss_setnetgrent (const char *, struct
__netgrent *);
/usr/include/nss.h:typedef enum nss_status nss_setprotoent (int);
/usr/include/nss.h:typedef enum nss_status nss_setpwent (int);
/usr/include/nss.h:typedef enum nss_status nss_setrpcent (int);
/usr/include/nss.h:typedef enum nss_status nss_setservent (int);
/usr/include/nss.h:typedef enum nss_status nss_setsgent (int);
/usr/include/nss.h:typedef enum nss_status nss_setspent (int);
/usr/include/obstack.h:};
/usr/include/obstack.h:    PTR_INT_TYPE tempint;
/usr/include/obstack.h:    void *tempptr;
/usr/include/obstack.h:  struct _obstack_chunk *(*chunkfun) (void *, long);
/usr/include/obstack.h:  void (*freefun) (void *, struct _obstack_chunk *);
/usr/include/obstack.h:};
/usr/include/obstack.h:extern void _obstack_newchunk (struct obstack *, int);
/usr/include/obstack.h:                     void *(*)(long), void (*)(void *));
/usr/include/obstack.h:                       void (*)(void *, void *), void *);
/usr/include/obstack.h:extern int _obstack_memory_used (struct obstack *)
__attribute_pure__;
/usr/include/obstack.h:extern void __obstack_free (struct obstack *, void *);
/usr/include/obstack.h:extern void (*obstack_alloc_failed_handler) (void);
/usr/include/obstack.h:extern int obstack_exit_failure;
/usr/include/panel.h:  WINDOW *win;
/usr/include/panel.h:  struct panel *below;
/usr/include/panel.h:  struct panel *above;
/usr/include/panel.h:  NCURSES_CONST void *user;
/usr/include/panel.h:PANEL;
/usr/include/panel.h:extern PANEL_EXPORT(WINDOW*) panel_window (const PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(void)    update_panels (void);
/usr/include/panel.h:extern PANEL_EXPORT(int)     hide_panel (PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(int)     show_panel (PANEL *);
```

```
/usr/include/panel.h:extern PANEL_EXPORT(int)     del_panel (PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(int)     top_panel (PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(int)     bottom_panel (PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(PANEL*)  new_panel (WINDOW *);
/usr/include/panel.h:extern PANEL_EXPORT(PANEL*)  panel_above (const PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(PANEL*)  panel_below (const PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(int)     set_panel_userptr (PANEL *,
NCURSES_CONST void *);
/usr/include/panel.h:extern PANEL_EXPORT(NCURSES_CONST void*) panel_userptr
(const PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(int)     move_panel (PANEL *, int,
int);
/usr/include/panel.h:extern PANEL_EXPORT(int)     replace_panel (PANEL *,WINDOW
*);
/usr/include/panel.h:extern PANEL_EXPORT(int)     panel_hidden (const PANEL *);
/usr/include/panel.h:extern PANEL_EXPORT(PANEL *) ground_panel(SCREEN *);
/usr/include/panel.h:extern PANEL_EXPORT(PANEL *) ceiling_panel(SCREEN *);
/usr/include/panel.h:extern PANEL_EXPORT(void)    NCURSES_SP_NAME(update_panels)
(SCREEN*);
/usr/include/pigpiod_if2.h:   (int pi, unsigned user_gpio, unsigned level,
uint32_t tick);
/usr/include/pigpiod_if2.h:   (int pi, unsigned user_gpio, unsigned level,
uint32_t tick, void *userdata);
/usr/include/pigpiod_if2.h:typedef struct callback_s callback_t;
/usr/include/pigpiod_if2.h:   (int pi, unsigned event, uint32_t tick);
/usr/include/pigpiod_if2.h:   (int pi, unsigned event, uint32_t tick, void
*userdata);
/usr/include/pigpiod_if2.h:typedef struct evtCallback_s evtCallback_t;
/usr/include/pigpiod_if2.h:double time_time(void);
/usr/include/pigpiod_if2.h:void time_sleep(double seconds);
/usr/include/pigpiod_if2.h:char *pigpio_error(int errnum);
/usr/include/pigpiod_if2.h:unsigned pigpiod_if_version(void);
/usr/include/pigpiod_if2.h:pthread_t *start_thread(gpioThreadFunc_t thread_func,
void *userdata);
/usr/include/pigpiod_if2.h:void stop_thread(pthread_t *pth);
/usr/include/pigpiod_if2.h:int pigpio_start(const char *addrStr, const char
*portStr);
/usr/include/pigpiod_if2.h:void pigpio_stop(int pi);
/usr/include/pigpiod_if2.h:int set_mode(int pi, unsigned gpio, unsigned mode);
/usr/include/pigpiod_if2.h:int get_mode(int pi, unsigned gpio);
/usr/include/pigpiod_if2.h:int set_pull_up_down(int pi, unsigned gpio, unsigned
pud);
/usr/include/pigpiod_if2.h:int gpio_read(int pi, unsigned gpio);
/usr/include/pigpiod_if2.h:int gpio_write(int pi, unsigned gpio, unsigned
level);
/usr/include/pigpiod_if2.h:int set_PWM_dutycycle(int pi, unsigned user_gpio,
unsigned dutycycle);
/usr/include/pigpiod_if2.h:int get_PWM_dutycycle(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int set_PWM_range(int pi, unsigned user_gpio,
unsigned range);
/usr/include/pigpiod_if2.h:int get_PWM_range(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int get_PWM_real_range(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int set_PWM_frequency(int pi, unsigned user_gpio,
unsigned frequency);
/usr/include/pigpiod_if2.h:int get_PWM_frequency(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int set_servo_pulsewidth(int pi, unsigned user_gpio,
unsigned pulsewidth);
/usr/include/pigpiod_if2.h:set_PWM_frequency(25, 400);
/usr/include/pigpiod_if2.h:set_PWM_range(25, 2500);
/usr/include/pigpiod_if2.h:int get_servo_pulsewidth(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int notify_open(int pi);
/usr/include/pigpiod_if2.h:int notify_begin(int pi, unsigned handle, uint32_t
bits);
/usr/include/pigpiod_if2.h:   uint16_t seqno;
```

```
/usr/include/pigpiod_if2.h:   uint16_t flags;
/usr/include/pigpiod_if2.h:   uint32_t tick;
/usr/include/pigpiod_if2.h:   uint32_t level;
/usr/include/pigpiod_if2.h:} gpioReport_t;
/usr/include/pigpiod_if2.h:int notify_pause(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int notify_close(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int set_watchdog(int pi, unsigned user_gpio, unsigned
timeout);
/usr/include/pigpiod_if2.h:int set_glitch_filter(int pi, unsigned user_gpio,
unsigned steady);
/usr/include/pigpiod_if2.h:   int pi, unsigned user_gpio, unsigned steady,
unsigned active);
/usr/include/pigpiod_if2.h:uint32_t read_bank_1(int pi);
/usr/include/pigpiod_if2.h:uint32_t read_bank_2(int pi);
/usr/include/pigpiod_if2.h:int clear_bank_1(int pi, uint32_t bits);
/usr/include/pigpiod_if2.h:int clear_bank_2(int pi, uint32_t bits);
/usr/include/pigpiod_if2.h:int set_bank_1(int pi, uint32_t bits);
/usr/include/pigpiod_if2.h:int set_bank_2(int pi, uint32_t bits);
/usr/include/pigpiod_if2.h:int hardware_clock(int pi, unsigned gpio, unsigned
clkfreq);
/usr/include/pigpiod_if2.h:int hardware_PWM(int pi, unsigned gpio, unsigned
PWMfreq, uint32_t PWMduty);
/usr/include/pigpiod_if2.h:uint32_t get_current_tick(int pi);
/usr/include/pigpiod_if2.h:uint32_t get_hardware_revision(int pi);
/usr/include/pigpiod_if2.h:uint32_t get_pigpio_version(int pi);
/usr/include/pigpiod_if2.h:int wave_clear(int pi);
/usr/include/pigpiod_if2.h:int wave_add_new(int pi);
/usr/include/pigpiod_if2.h:int wave_add_generic(int pi, unsigned numPulses,
gpioPulse_t *pulses);
/usr/include/pigpiod_if2.h:    unsigned stop_bits, unsigned offset, unsigned
numBytes, char *str);
/usr/include/pigpiod_if2.h:int wave_create(int pi);
/usr/include/pigpiod_if2.h:   uint32_t gpioOn;
/usr/include/pigpiod_if2.h:   uint32_t gpioOff;
/usr/include/pigpiod_if2.h:   uint32_t usDelay;
/usr/include/pigpiod_if2.h:} gpioPulse_t;
/usr/include/pigpiod_if2.h:int wave_create_and_pad(int pi, int percent);
/usr/include/pigpiod_if2.h:int wave_delete(int pi, unsigned wave_id);
/usr/include/pigpiod_if2.h:int wave_send_once(int pi, unsigned wave_id);
/usr/include/pigpiod_if2.h:int wave_send_repeat(int pi, unsigned wave_id);
/usr/include/pigpiod_if2.h:int wave_send_using_mode(int pi, unsigned wave_id,
unsigned mode);
/usr/include/pigpiod_if2.h:int wave_chain(int pi, char *buf, unsigned bufSize);
/usr/include/pigpiod_if2.h:   int i, pi, wid[WAVES];
/usr/include/pigpiod_if2.h:   pi = pigpio_start(0, 0);
/usr/include/pigpiod_if2.h:   if (pi<0) return -1;
/usr/include/pigpiod_if2.h:   set_mode(pi, GPIO, PI_OUTPUT);
/usr/include/pigpiod_if2.h:          {0, 1<<GPIO, (i+1)*200}});
/usr/include/pigpiod_if2.h:      wid[i] = wave_create(pi);
/usr/include/pigpiod_if2.h:      }, 46);
/usr/include/pigpiod_if2.h:   while (wave_tx_busy(pi)) time_sleep(0.1);
/usr/include/pigpiod_if2.h:   for (i=0; i<WAVES; i++) wave_delete(pi, wid[i]);
/usr/include/pigpiod_if2.h:   pigpio_stop(pi);
/usr/include/pigpiod_if2.h:int wave_tx_at(int pi);
/usr/include/pigpiod_if2.h:int wave_tx_busy(int pi);
/usr/include/pigpiod_if2.h:int wave_tx_stop(int pi);
/usr/include/pigpiod_if2.h:int wave_get_micros(int pi);
/usr/include/pigpiod_if2.h:int wave_get_high_micros(int pi);
/usr/include/pigpiod_if2.h:int wave_get_max_micros(int pi);
/usr/include/pigpiod_if2.h:int wave_get_pulses(int pi);
/usr/include/pigpiod_if2.h:int wave_get_high_pulses(int pi);
/usr/include/pigpiod_if2.h:int wave_get_max_pulses(int pi);
/usr/include/pigpiod_if2.h:int wave_get_cbs(int pi);
/usr/include/pigpiod_if2.h:int wave_get_high_cbs(int pi);
```

```
/usr/include/pigpiod_if2.h:int wave_get_max_cbs(int pi);
/usr/include/pigpiod_if2.h:int gpio_trigger(int pi, unsigned user_gpio, unsigned
pulseLen, unsigned level);
/usr/include/pigpiod_if2.h:int store_script(int pi, char *script);
/usr/include/pigpiod_if2.h:int run_script(int pi, unsigned script_id, unsigned
numPar, uint32_t *param);
/usr/include/pigpiod_if2.h:int update_script(int pi, unsigned script_id,
unsigned numPar, uint32_t *param);
/usr/include/pigpiod_if2.h:int script_status(int pi, unsigned script_id,
uint32_t *param);
/usr/include/pigpiod_if2.h:int stop_script(int pi, unsigned script_id);
/usr/include/pigpiod_if2.h:int delete_script(int pi, unsigned script_id);
/usr/include/pigpiod_if2.h:int bb_serial_read_open(int pi, unsigned user_gpio,
unsigned baud, unsigned data_bits);
/usr/include/pigpiod_if2.h:int bb_serial_read(int pi, unsigned user_gpio, void
*buf, size_t bufSize);
/usr/include/pigpiod_if2.h:int bb_serial_read_close(int pi, unsigned user_gpio);
/usr/include/pigpiod_if2.h:int bb_serial_invert(int pi, unsigned user_gpio,
unsigned invert);
/usr/include/pigpiod_if2.h:int i2c_open(int pi, unsigned i2c_bus, unsigned
i2c_addr, unsigned i2c_flags);
/usr/include/pigpiod_if2.h:int i2c_close(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int i2c_write_quick(int pi, unsigned handle, unsigned
bit);
/usr/include/pigpiod_if2.h:int i2c_write_byte(int pi, unsigned handle, unsigned
bVal);
/usr/include/pigpiod_if2.h:int i2c_read_byte(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg,
unsigned bVal);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg,
unsigned wVal);
/usr/include/pigpiod_if2.h:int i2c_read_byte_data(int pi, unsigned handle,
unsigned i2c_reg);
/usr/include/pigpiod_if2.h:int i2c_read_word_data(int pi, unsigned handle,
unsigned i2c_reg);
/usr/include/pigpiod_if2.h:int i2c_process_call(int pi, unsigned handle,
unsigned i2c_reg, unsigned wVal);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:int i2c_read_block_data(int pi, unsigned handle,
unsigned i2c_reg, char *buf);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, unsigned i2c_reg, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:int i2c_read_device(int pi, unsigned handle, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:int i2c_write_device(int pi, unsigned handle, char
*buf, unsigned count);
/usr/include/pigpiod_if2.h:   unsigned outLen);
/usr/include/pigpiod_if2.h:int bb_i2c_open(int pi, unsigned SDA, unsigned SCL,
unsigned baud);
/usr/include/pigpiod_if2.h:int bb_i2c_close(int pi, unsigned SDA);
/usr/include/pigpiod_if2.h:   unsigned outLen);
/usr/include/pigpiod_if2.h:   unsigned baud, unsigned spi_flags);
/usr/include/pigpiod_if2.h:int bb_spi_close(int pi, unsigned CS);
/usr/include/pigpiod_if2.h:   unsigned count);
/usr/include/pigpiod_if2.h:   int i, pi, count, set_val, read_val;
/usr/include/pigpiod_if2.h:   unsigned char inBuf[3];
/usr/include/pigpiod_if2.h:   char cmd1[] = {0, 0};
/usr/include/pigpiod_if2.h:   char cmd2[] = {12, 0};
/usr/include/pigpiod_if2.h:   char cmd3[] = {1, 128, 0};
```

```
/usr/include/pigpiod_if2.h:      fprintf(stderr, "pigpio initialisation failed
(%d).\n", pi);
/usr/include/pigpiod_if2.h:      return 1;
/usr/include/pigpiod_if2.h:      cmd1[1] = i;
/usr/include/pigpiod_if2.h:            set_val = inBuf[1];
/usr/include/pigpiod_if2.h:               read_val = ((inBuf[1]&3)<<8) |
inBuf[2];
/usr/include/pigpiod_if2.h:               printf("%d %d\n", set_val, read_val);
/usr/include/pigpiod_if2.h:   bb_spi_close(pi, CE0);
/usr/include/pigpiod_if2.h:   bb_spi_close(pi, CE1);
/usr/include/pigpiod_if2.h:   pigpio_stop(pi);
/usr/include/pigpiod_if2.h:int spi_open(int pi, unsigned spi_channel, unsigned
baud, unsigned spi_flags);
/usr/include/pigpiod_if2.h:int spi_close(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int spi_read(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:int spi_write(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:   int pi, unsigned handle, char *txBuf, char *rxBuf,
unsigned count);
/usr/include/pigpiod_if2.h:int serial_open(int pi, char *ser_tty, unsigned baud,
unsigned ser_flags);
/usr/include/pigpiod_if2.h:int serial_close(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int serial_write_byte(int pi, unsigned handle,
unsigned bVal);
/usr/include/pigpiod_if2.h:int serial_read_byte(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int serial_write(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:int serial_read(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:int serial_data_available(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:int custom_1(int pi, unsigned arg1, unsigned arg2,
char *argx, unsigned argc);
/usr/include/pigpiod_if2.h:             char *retBuf, unsigned retMax);
/usr/include/pigpiod_if2.h:int get_pad_strength(int pi, unsigned pad);
/usr/include/pigpiod_if2.h:int set_pad_strength(int pi, unsigned pad, unsigned
padStrength);
/usr/include/pigpiod_if2.h:int shell_(int pi, char *scriptName, char
*scriptString);
/usr/include/pigpiod_if2.h:status = shell_(pi, "scr1", "hello world");
/usr/include/pigpiod_if2.h:status = shell_(pi, "scr1", "hello 'string with
spaces' world");
/usr/include/pigpiod_if2.h:status = shell_(pi, "scr1", "\"hello string with
spaces world\"");
/usr/include/pigpiod_if2.h:int file_open(int pi, char *file, unsigned mode);
/usr/include/pigpiod_if2.h:   int pi, handle, c;
/usr/include/pigpiod_if2.h:   char buf[60000];
/usr/include/pigpiod_if2.h:   pi = pigpio_start(NULL, NULL);
/usr/include/pigpiod_if2.h:   if (pi < 0) return 1;
/usr/include/pigpiod_if2.h:   handle = file_open(pi, "/ram/pigpio.c",
PI_FILE_READ);
/usr/include/pigpiod_if2.h:         buf[c] = 0;
/usr/include/pigpiod_if2.h:         printf("%s", buf);
/usr/include/pigpiod_if2.h:      file_close(pi, handle);
/usr/include/pigpiod_if2.h:   pigpio_stop(pi);
/usr/include/pigpiod_if2.h:int file_close(int pi, unsigned handle);
/usr/include/pigpiod_if2.h:file_close(pi, handle);
/usr/include/pigpiod_if2.h:int file_write(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:int file_read(int pi, unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:   bytes = file_read(pi, handle, buf, sizeof(buf));
/usr/include/pigpiod_if2.h:int file_seek(int pi, unsigned handle, int32_t
seekOffset, int seekFrom);
```

```
/usr/include/pigpiod_if2.h:int file_list(int pi, char *fpat,  char *buf,
unsigned count);
/usr/include/pigpiod_if2.h:   int pi, handle, c;
/usr/include/pigpiod_if2.h:   char buf[60000];
/usr/include/pigpiod_if2.h:   pi = pigpio_start(NULL, NULL);
/usr/include/pigpiod_if2.h:   if (pi < 0) return 1;
/usr/include/pigpiod_if2.h:   c = file_list(pi, "/ram/p*.c", buf, sizeof(buf));
/usr/include/pigpiod_if2.h:      buf[c] = 0;
/usr/include/pigpiod_if2.h:      printf("%s", buf);
/usr/include/pigpiod_if2.h:   pigpio_stop(pi);
/usr/include/pigpiod_if2.h:int callback(int pi, unsigned user_gpio, unsigned
edge, CBFunc_t f);
/usr/include/pigpiod_if2.h:   (int pi, unsigned user_gpio, unsigned edge,
CBFuncEx_t f, void *userdata);
/usr/include/pigpiod_if2.h:int callback_cancel(unsigned callback_id);
/usr/include/pigpiod_if2.h:int wait_for_edge(int pi, unsigned user_gpio,
unsigned edge, double timeout);
/usr/include/pigpiod_if2.h:int bsc_xfer(int pi, bsc_xfer_t *bscxfer);
/usr/include/pigpiod_if2.h:} bsc_xfer_t;
/usr/include/pigpiod_if2.h:bsc_xfer_t xfer;
/usr/include/pigpiod_if2.h:xfer.control = (0x13<<16) | 0x305;
/usr/include/pigpiod_if2.h:memcpy(xfer.txBuf, "ABCD", 4);
/usr/include/pigpiod_if2.h:xfer.txCnt = 4;
/usr/include/pigpiod_if2.h:status = bsc_xfer(pi, &xfer);
/usr/include/pigpiod_if2.h:int bsc_i2c(int pi, int i2c_addr, bsc_xfer_t
*bscxfer);
/usr/include/pigpiod_if2.h:} bsc_xfer_t;
/usr/include/pigpiod_if2.h:int event_callback(int pi, unsigned event,
evtCBFunc_t f);
/usr/include/pigpiod_if2.h:int event_callback_ex(int pi, unsigned event,
evtCBFuncEx_t f, void *userdata);
/usr/include/pigpiod_if2.h:int event_callback_cancel(unsigned callback_id);
/usr/include/pigpiod_if2.h:int wait_for_event(int pi, unsigned event, double
timeout);
/usr/include/pigpiod_if2.h:int event_trigger(int pi, unsigned event);
/usr/include/pigpiod_if2.h:} bsc_xfer_t;
/usr/include/pigpiod_if2.h:   (int pi, unsigned user_gpio, unsigned level,
uint32_t tick);
/usr/include/pigpiod_if2.h:   (int pi, unsigned user_gpio, unsigned level,
uint32_t tick, void * userdata);
/usr/include/pigpiod_if2.h:   (int pi, unsigned event, uint32_t tick);
/usr/include/pigpiod_if2.h:   (int pi, unsigned event, uint32_t tick, void
*userdata);
/usr/include/pigpiod_if2.h:   uint32_t gpioOn;
/usr/include/pigpiod_if2.h:   uint32_t gpioOff;
/usr/include/pigpiod_if2.h:   uint32_t usDelay;
/usr/include/pigpiod_if2.h:} gpioPulse_t;
/usr/include/pigpiod_if2.h:typedef void *(gpioThreadFunc_t) (void *);
/usr/include/pigpiod_if2.h:user_type my_userdata;
/usr/include/pigpiod_if2.h:*userdata = my_userdata;
/usr/include/pigpiod_if2.h:user_type my_userdata = *(user_type*)userdata;
/usr/include/pigpiod_if2.h:free(userdata);
/usr/include/pigpiod_if2.h:} pigifError_t;
/usr/include/pigpiod_if.h:typedef void (*CBFunc_t)  (unsigned user_gpio,
unsigned level, uint32_t tick);
/usr/include/pigpiod_if.h:   (unsigned user_gpio, unsigned level, uint32_t tick,
void * user);
/usr/include/pigpiod_if.h:typedef struct callback_s callback_t;
/usr/include/pigpiod_if.h:double time_time(void);
/usr/include/pigpiod_if.h:void time_sleep(double seconds);
/usr/include/pigpiod_if.h:char *pigpio_error(int errnum);
/usr/include/pigpiod_if.h:unsigned pigpiod_if_version(void);
/usr/include/pigpiod_if.h:pthread_t *start_thread(gpioThreadFunc_t thread_func,
void *userdata);
```

```
/usr/include/pigpiod_if.h:void stop_thread(pthread_t *pth);
/usr/include/pigpiod_if.h:int pigpio_start(char *addrStr, char *portStr);
/usr/include/pigpiod_if.h:void pigpio_stop(void);
/usr/include/pigpiod_if.h:int set_mode(unsigned gpio, unsigned mode);
/usr/include/pigpiod_if.h:int get_mode(unsigned gpio);
/usr/include/pigpiod_if.h:int set_pull_up_down(unsigned gpio, unsigned pud);
/usr/include/pigpiod_if.h:int gpio_read(unsigned gpio);
/usr/include/pigpiod_if.h:int gpio_write(unsigned gpio, unsigned level);
/usr/include/pigpiod_if.h:int set_PWM_dutycycle(unsigned user_gpio, unsigned
dutycycle);
/usr/include/pigpiod_if.h:int get_PWM_dutycycle(unsigned user_gpio);
/usr/include/pigpiod_if.h:int set_PWM_range(unsigned user_gpio, unsigned range);
/usr/include/pigpiod_if.h:int get_PWM_range(unsigned user_gpio);
/usr/include/pigpiod_if.h:int get_PWM_real_range(unsigned user_gpio);
/usr/include/pigpiod_if.h:int set_PWM_frequency(unsigned user_gpio, unsigned
frequency);
/usr/include/pigpiod_if.h:int get_PWM_frequency(unsigned user_gpio);
/usr/include/pigpiod_if.h:int set_servo_pulsewidth(unsigned user_gpio, unsigned
pulsewidth);
/usr/include/pigpiod_if.h:set_PWM_frequency(25, 400);
/usr/include/pigpiod_if.h:set_PWM_range(25, 2500);
/usr/include/pigpiod_if.h:int get_servo_pulsewidth(unsigned user_gpio);
/usr/include/pigpiod_if.h:int notify_open(void);
/usr/include/pigpiod_if.h:int notify_begin(unsigned handle, uint32_t bits);
/usr/include/pigpiod_if.h:   uint16_t seqno;
/usr/include/pigpiod_if.h:   uint16_t flags;
/usr/include/pigpiod_if.h:   uint32_t tick;
/usr/include/pigpiod_if.h:   uint32_t level;
/usr/include/pigpiod_if.h:} gpioReport_t;
/usr/include/pigpiod_if.h:int notify_pause(unsigned handle);
/usr/include/pigpiod_if.h:int notify_close(unsigned handle);
/usr/include/pigpiod_if.h:int set_watchdog(unsigned user_gpio, unsigned
timeout);
/usr/include/pigpiod_if.h:int set_glitch_filter(unsigned user_gpio, unsigned
steady);
/usr/include/pigpiod_if.h:int set_noise_filter(unsigned user_gpio, unsigned
steady, unsigned active);
/usr/include/pigpiod_if.h:uint32_t read_bank_1(void);
/usr/include/pigpiod_if.h:uint32_t read_bank_2(void);
/usr/include/pigpiod_if.h:int clear_bank_1(uint32_t bits);
/usr/include/pigpiod_if.h:int clear_bank_2(uint32_t bits);
/usr/include/pigpiod_if.h:int set_bank_1(uint32_t bits);
/usr/include/pigpiod_if.h:int set_bank_2(uint32_t bits);
/usr/include/pigpiod_if.h:int hardware_clock(unsigned gpio, unsigned clkfreq);
/usr/include/pigpiod_if.h:int hardware_PWM(unsigned gpio, unsigned PWMfreq,
uint32_t PWMduty);
/usr/include/pigpiod_if.h:uint32_t get_current_tick(void);
/usr/include/pigpiod_if.h:uint32_t get_hardware_revision(void);
/usr/include/pigpiod_if.h:uint32_t get_pigpio_version(void);
/usr/include/pigpiod_if.h:int wave_clear(void);
/usr/include/pigpiod_if.h:int wave_add_new(void);
/usr/include/pigpiod_if.h:int wave_add_generic(unsigned numPulses, gpioPulse_t
*pulses);
/usr/include/pigpiod_if.h:    unsigned stop_bits, unsigned offset, unsigned
numBytes, char *str);
/usr/include/pigpiod_if.h:int wave_create(void);
/usr/include/pigpiod_if.h:   uint32_t gpioOn;
/usr/include/pigpiod_if.h:   uint32_t gpioOff;
/usr/include/pigpiod_if.h:   uint32_t usDelay;
/usr/include/pigpiod_if.h:} gpioPulse_t;
/usr/include/pigpiod_if.h:int wave_delete(unsigned wave_id);
/usr/include/pigpiod_if.h:int wave_send_once(unsigned wave_id);
/usr/include/pigpiod_if.h:int wave_send_repeat(unsigned wave_id);
/usr/include/pigpiod_if.h:int wave_chain(char *buf, unsigned bufSize);
```

```
/usr/include/pigpiod_if.h:   int i, wid[WAVES];
/usr/include/pigpiod_if.h:   if (pigpio_start(0, 0)<0) return -1;
/usr/include/pigpiod_if.h:   set_mode(GPIO, PI_OUTPUT);
/usr/include/pigpiod_if.h:         {0, 1<<GPIO, (i+1)*200}});
/usr/include/pigpiod_if.h:      wid[i] = wave_create();
/usr/include/pigpiod_if.h:      }, 46);
/usr/include/pigpiod_if.h:   while (wave_tx_busy()) time_sleep(0.1);
/usr/include/pigpiod_if.h:   for (i=0; i<WAVES; i++) wave_delete(wid[i]);
/usr/include/pigpiod_if.h:   pigpio_stop();
/usr/include/pigpiod_if.h:int wave_tx_busy(void);
/usr/include/pigpiod_if.h:int wave_tx_stop(void);
/usr/include/pigpiod_if.h:int wave_get_micros(void);
/usr/include/pigpiod_if.h:int wave_get_high_micros(void);
/usr/include/pigpiod_if.h:int wave_get_max_micros(void);
/usr/include/pigpiod_if.h:int wave_get_pulses(void);
/usr/include/pigpiod_if.h:int wave_get_high_pulses(void);
/usr/include/pigpiod_if.h:int wave_get_max_pulses(void);
/usr/include/pigpiod_if.h:int wave_get_cbs(void);
/usr/include/pigpiod_if.h:int wave_get_high_cbs(void);
/usr/include/pigpiod_if.h:int wave_get_max_cbs(void);
/usr/include/pigpiod_if.h:int gpio_trigger(unsigned user_gpio, unsigned
pulseLen, unsigned level);
/usr/include/pigpiod_if.h:int store_script(char *script);
/usr/include/pigpiod_if.h:int run_script(unsigned script_id, unsigned numPar,
uint32_t *param);
/usr/include/pigpiod_if.h:int script_status(unsigned script_id, uint32_t
*param);
/usr/include/pigpiod_if.h:int stop_script(unsigned script_id);
/usr/include/pigpiod_if.h:int delete_script(unsigned script_id);
/usr/include/pigpiod_if.h:int bb_serial_read_open(unsigned user_gpio, unsigned
baud, unsigned data_bits);
/usr/include/pigpiod_if.h:int bb_serial_read(unsigned user_gpio, void *buf,
size_t bufSize);
/usr/include/pigpiod_if.h:int bb_serial_read_close(unsigned user_gpio);
/usr/include/pigpiod_if.h:int bb_serial_invert(unsigned user_gpio, unsigned
invert);
/usr/include/pigpiod_if.h:int i2c_open(unsigned i2c_bus, unsigned i2c_addr,
unsigned i2c_flags);
/usr/include/pigpiod_if.h:int i2c_close(unsigned handle);
/usr/include/pigpiod_if.h:int i2c_write_quick(unsigned handle, unsigned bit);
/usr/include/pigpiod_if.h:int i2c_write_byte(unsigned handle, unsigned bVal);
/usr/include/pigpiod_if.h:int i2c_read_byte(unsigned handle);
/usr/include/pigpiod_if.h:int i2c_write_byte_data(unsigned handle, unsigned
i2c_reg, unsigned bVal);
/usr/include/pigpiod_if.h:int i2c_write_word_data(unsigned handle, unsigned
i2c_reg, unsigned wVal);
/usr/include/pigpiod_if.h:int i2c_read_byte_data(unsigned handle, unsigned
i2c_reg);
/usr/include/pigpiod_if.h:int i2c_read_word_data(unsigned handle, unsigned
i2c_reg);
/usr/include/pigpiod_if.h:int i2c_process_call(unsigned handle, unsigned
i2c_reg, unsigned wVal);
/usr/include/pigpiod_if.h:unsigned handle, unsigned i2c_reg, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int i2c_read_block_data(unsigned handle, unsigned
i2c_reg, char *buf);
/usr/include/pigpiod_if.h:unsigned handle, unsigned i2c_reg, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:unsigned handle, unsigned i2c_reg, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:unsigned handle, unsigned i2c_reg, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int i2c_read_device(unsigned handle, char *buf,
unsigned count);
```

```
/usr/include/pigpiod_if.h:int i2c_write_device(unsigned handle, char *buf,
unsigned count);
/usr/include/pigpiod_if.h:   unsigned outLen);
/usr/include/pigpiod_if.h:int bb_i2c_open(unsigned SDA, unsigned SCL, unsigned
baud);
/usr/include/pigpiod_if.h:int bb_i2c_close(unsigned SDA);
/usr/include/pigpiod_if.h:   unsigned outLen);
/usr/include/pigpiod_if.h:int spi_open(unsigned spi_channel, unsigned baud,
unsigned spi_flags);
/usr/include/pigpiod_if.h:int spi_close(unsigned handle);
/usr/include/pigpiod_if.h:int spi_read(unsigned handle, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int spi_write(unsigned handle, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int spi_xfer(unsigned handle, char *txBuf, char
*rxBuf, unsigned count);
/usr/include/pigpiod_if.h:int serial_open(char *ser_tty, unsigned baud, unsigned
ser_flags);
/usr/include/pigpiod_if.h:int serial_close(unsigned handle);
/usr/include/pigpiod_if.h:int serial_write_byte(unsigned handle, unsigned bVal);
/usr/include/pigpiod_if.h:int serial_read_byte(unsigned handle);
/usr/include/pigpiod_if.h:int serial_write(unsigned handle, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int serial_read(unsigned handle, char *buf, unsigned
count);
/usr/include/pigpiod_if.h:int serial_data_available(unsigned handle);
/usr/include/pigpiod_if.h:int custom_1(unsigned arg1, unsigned arg2, char *argx,
unsigned argc);
/usr/include/pigpiod_if.h:             char *retBuf, unsigned retMax);
/usr/include/pigpiod_if.h:int callback(unsigned user_gpio, unsigned edge,
CBFunc_t f);
/usr/include/pigpiod_if.h:   (unsigned user_gpio, unsigned edge, CBFuncEx_t f,
void *userdata);
/usr/include/pigpiod_if.h:int callback_cancel(unsigned callback_id);
/usr/include/pigpiod_if.h:int wait_for_edge(unsigned user_gpio, unsigned edge,
double timeout);
/usr/include/pigpiod_if.h:   (unsigned user_gpio, unsigned level, uint32_t
tick);
/usr/include/pigpiod_if.h:   (unsigned user_gpio, unsigned level, uint32_t tick,
void * user);
/usr/include/pigpiod_if.h:uint32_t gpioOn;
/usr/include/pigpiod_if.h:uint32_t gpioOff;
/usr/include/pigpiod_if.h:uint32_t usDelay;
/usr/include/pigpiod_if.h:} gpioPulse_t;
/usr/include/pigpiod_if.h:typedef void *(gpioThreadFunc_t) (void *);
/usr/include/pigpiod_if.h:} pigifError_t;
/usr/include/pigpio.h:int cfg = gpioCfgGetInternals();
/usr/include/pigpio.h:gpioCfgSetInternals(cfg);
/usr/include/pigpio.h:int status = gpioInitialise();
/usr/include/pigpio.h:   uint16_t func;
/usr/include/pigpio.h:   uint16_t size;
/usr/include/pigpio.h:} gpioHeader_t;
/usr/include/pigpio.h:   size_t size;
/usr/include/pigpio.h:   void *ptr;
/usr/include/pigpio.h:   uint32_t data;
/usr/include/pigpio.h:} gpioExtent_t;
/usr/include/pigpio.h:   uint32_t tick;
/usr/include/pigpio.h:   uint32_t level;
/usr/include/pigpio.h:} gpioSample_t;
/usr/include/pigpio.h:   uint16_t seqno;
/usr/include/pigpio.h:   uint16_t flags;
/usr/include/pigpio.h:   uint32_t tick;
/usr/include/pigpio.h:   uint32_t level;
/usr/include/pigpio.h:} gpioReport_t;
```

```
/usr/include/pigpio.h:   uint32_t gpioOn;
/usr/include/pigpio.h:   uint32_t gpioOff;
/usr/include/pigpio.h:   uint32_t usDelay;
/usr/include/pigpio.h:} gpioPulse_t;
/usr/include/pigpio.h:   uint32_t gpioOn;
/usr/include/pigpio.h:   uint32_t gpioOff;
/usr/include/pigpio.h:   uint32_t usDelay;
/usr/include/pigpio.h:   uint32_t flags;
/usr/include/pigpio.h:} rawWave_t;
/usr/include/pigpio.h:   uint16_t deleted;
/usr/include/pigpio.h:   uint16_t numCB;
/usr/include/pigpio.h:   uint16_t numBOOL;
/usr/include/pigpio.h:   uint16_t numTOOL;
/usr/include/pigpio.h:} rawWaveInfo_t;
/usr/include/pigpio.h:} rawSPI_t;
/usr/include/pigpio.h:   uint32_t info;
/usr/include/pigpio.h:   uint32_t src;
/usr/include/pigpio.h:   uint32_t dst;
/usr/include/pigpio.h:   uint32_t length;
/usr/include/pigpio.h:   uint32_t stride;
/usr/include/pigpio.h:   uint32_t next;
/usr/include/pigpio.h:   uint32_t pad[2];
/usr/include/pigpio.h:} rawCbs_t;
/usr/include/pigpio.h:   uint16_t flags;
/usr/include/pigpio.h:} pi_i2c_msg_t;
/usr/include/pigpio.h:} bsc_xfer_t;
/usr/include/pigpio.h:                                      uint32_t tick);
/usr/include/pigpio.h:                                      void    *userdata);
/usr/include/pigpio.h:                                      uint32_t tick);
/usr/include/pigpio.h:                                      void    *userdata);
/usr/include/pigpio.h:                                      uint32_t tick);
/usr/include/pigpio.h:                                      void    *userdata);
/usr/include/pigpio.h:typedef void (*gpioTimerFunc_t)    (void);
/usr/include/pigpio.h:typedef void (*gpioTimerFuncEx_t)  (void *userdata);
/usr/include/pigpio.h:typedef void (*gpioSignalFunc_t)   (int signum);
/usr/include/pigpio.h:                                      void  *userdata);
/usr/include/pigpio.h:                                          int
numSamples);
/usr/include/pigpio.h:                                          void
*userdata);
/usr/include/pigpio.h:typedef void *(gpioThreadFunc_t) (void *);
/usr/include/pigpio.h:int gpioInitialise(void);
/usr/include/pigpio.h:void gpioTerminate(void);
/usr/include/pigpio.h:gpioTerminate();
/usr/include/pigpio.h:int gpioSetMode(unsigned gpio, unsigned mode);
/usr/include/pigpio.h:int gpioGetMode(unsigned gpio);
/usr/include/pigpio.h:int gpioSetPullUpDown(unsigned gpio, unsigned pud);
/usr/include/pigpio.h:int gpioRead (unsigned gpio);
/usr/include/pigpio.h:printf("GPIO24 is level %d", gpioRead(24));
/usr/include/pigpio.h:int gpioWrite(unsigned gpio, unsigned level);
/usr/include/pigpio.h:int gpioPWM(unsigned user_gpio, unsigned dutycycle);
/usr/include/pigpio.h:int gpioGetPWMdutycycle(unsigned user_gpio);
/usr/include/pigpio.h:int gpioSetPWMrange(unsigned user_gpio, unsigned range);
/usr/include/pigpio.h:int gpioGetPWMrange(unsigned user_gpio);
/usr/include/pigpio.h:r = gpioGetPWMrange(23);
/usr/include/pigpio.h:int gpioGetPWMrealRange(unsigned user_gpio);
/usr/include/pigpio.h:rr = gpioGetPWMrealRange(17);
/usr/include/pigpio.h:int gpioSetPWMfrequency(unsigned user_gpio, unsigned
frequency);
/usr/include/pigpio.h:int gpioGetPWMfrequency(unsigned user_gpio);
/usr/include/pigpio.h:int gpioServo(unsigned user_gpio, unsigned pulsewidth);
/usr/include/pigpio.h:gpioSetPWMfrequency(25, 400);
/usr/include/pigpio.h:gpioSetPWMrange(25, 2500);
/usr/include/pigpio.h:int gpioGetServoPulsewidth(unsigned user_gpio);
```

```
/usr/include/pigpio.h:int gpioSetAlertFunc(unsigned user_gpio, gpioAlertFunc_t
f);
/usr/include/pigpio.h:   printf("GPIO %d became %d at %d", gpio, level, tick);
/usr/include/pigpio.h:gpioSetAlertFunc(4, aFunction);
/usr/include/pigpio.h:   unsigned user_gpio, gpioAlertFuncEx_t f, void
*userdata);
/usr/include/pigpio.h:   unsigned gpio, unsigned edge, int timeout,
gpioISRFunc_t f);
/usr/include/pigpio.h:   void *userdata);
/usr/include/pigpio.h:int gpioNotifyOpen(void);
/usr/include/pigpio.h:h = gpioNotifyOpen();
/usr/include/pigpio.h:   sprintf(str, "/dev/pigpio%d", h);
/usr/include/pigpio.h:   fd = open(str, O_RDONLY);
/usr/include/pigpio.h:int gpioNotifyOpenWithSize(int bufSize);
/usr/include/pigpio.h:int gpioNotifyBegin(unsigned handle, uint32_t bits);
/usr/include/pigpio.h:   uint16_t seqno;
/usr/include/pigpio.h:   uint16_t flags;
/usr/include/pigpio.h:   uint32_t tick;
/usr/include/pigpio.h:   uint32_t level;
/usr/include/pigpio.h:} gpioReport_t;
/usr/include/pigpio.h:gpioNotifyBegin(h, 1234);
/usr/include/pigpio.h:int gpioNotifyPause(unsigned handle);
/usr/include/pigpio.h:gpioNotifyPause(h);
/usr/include/pigpio.h:int gpioNotifyClose(unsigned handle);
/usr/include/pigpio.h:gpioNotifyClose(h);
/usr/include/pigpio.h:int gpioWaveClear(void);
/usr/include/pigpio.h:gpioWaveClear();
/usr/include/pigpio.h:int gpioWaveAddNew(void);
/usr/include/pigpio.h:gpioWaveAddNew();
/usr/include/pigpio.h:int gpioWaveAddGeneric(unsigned numPulses, gpioPulse_t
*pulses);
/usr/include/pigpio.h:gpioSetMode(gpio, PI_OUTPUT);
/usr/include/pigpio.h:pulse[0].gpioOn = (1<<gpio);
/usr/include/pigpio.h:pulse[0].gpioOff = 0;
/usr/include/pigpio.h:pulse[0].usDelay = 15;
/usr/include/pigpio.h:pulse[1].gpioOn = 0;
/usr/include/pigpio.h:pulse[1].gpioOff = (1<<gpio);
/usr/include/pigpio.h:pulse[1].usDelay = 15;
/usr/include/pigpio.h:gpioWaveAddNew();
/usr/include/pigpio.h:gpioWaveAddGeneric(2, pulse);
/usr/include/pigpio.h:wave_id = gpioWaveCreate();
/usr/include/pigpio.h:   gpioWaveTxSend(wave_id, PI_WAVE_MODE_REPEAT);
/usr/include/pigpio.h:   sleep(30);
/usr/include/pigpio.h:   gpioWaveTxStop();
/usr/include/pigpio.h:    char     *str);
/usr/include/pigpio.h:int i;
/usr/include/pigpio.h:char *str;
/usr/include/pigpio.h:char data[MSG_LEN];
/usr/include/pigpio.h:str = "Hello world!";
/usr/include/pigpio.h:gpioWaveAddSerial(4, 9600, 8, 2, 0, strlen(str), str);
/usr/include/pigpio.h:for (i=0; i<MSG_LEN; i++) data[i] = i;
/usr/include/pigpio.h:gpioWaveAddSerial(4, 9600, 8, 2, 1000000, MSG_LEN, data);
/usr/include/pigpio.h:int gpioWaveCreate(void);
/usr/include/pigpio.h:   uint32_t gpioOn;
/usr/include/pigpio.h:   uint32_t gpioOff;
/usr/include/pigpio.h:   uint32_t usDelay;
/usr/include/pigpio.h:} gpioPulse_t;
/usr/include/pigpio.h:int gpioWaveCreatePad(int pctCB, int pctBOOL, int
pctTOOL);
/usr/include/pigpio.h:  gpioWaveAddGeneric(firstWaveChunk);
/usr/include/pigpio.h:  wid = gpioWaveCreatePad(50, 50, 0);
/usr/include/pigpio.h:  gpioWaveTxSend(wid, PI_WAVE_MODE_ONE_SHOT);
/usr/include/pigpio.h:     gpioWaveAddGeneric(nextWaveChunk);
/usr/include/pigpio.h:     nextWid = gpioWaveCreatePad(50, 50, 0);
```

```
/usr/include/pigpio.h:     gpioWaveTxSend(nextWid, PI_WAVE_MODE_ONE_SHOT_SYNC);
/usr/include/pigpio.h:     while(gpioWaveTxAt() == wid) time_sleep(0.1);
/usr/include/pigpio.h:     gpioWaveDelete(wid);
/usr/include/pigpio.h:     wid = nextWid;
/usr/include/pigpio.h:int gpioWaveDelete(unsigned wave_id);
/usr/include/pigpio.h:int gpioWaveTxSend(unsigned wave_id, unsigned wave_mode);
/usr/include/pigpio.h:int gpioWaveChain(char *buf, unsigned bufSize);
/usr/include/pigpio.h:   int i, wid[WAVES];
/usr/include/pigpio.h:   if (gpioInitialise()<0) return -1;
/usr/include/pigpio.h:   gpioSetMode(GPIO, PI_OUTPUT);
/usr/include/pigpio.h:   printf("start piscope, press return"); getchar();
/usr/include/pigpio.h:          {0, 1<<GPIO, (i+1)*200}});
/usr/include/pigpio.h:      wid[i] = gpioWaveCreate();
/usr/include/pigpio.h:      }, 46);
/usr/include/pigpio.h:   while (gpioWaveTxBusy()) time_sleep(0.1);
/usr/include/pigpio.h:   for (i=0; i<WAVES; i++) gpioWaveDelete(wid[i]);
/usr/include/pigpio.h:   printf("stop piscope, press return"); getchar();
/usr/include/pigpio.h:   gpioTerminate();
/usr/include/pigpio.h:int gpioWaveTxAt(void);
/usr/include/pigpio.h:int gpioWaveTxBusy(void);
/usr/include/pigpio.h:int gpioWaveTxStop(void);
/usr/include/pigpio.h:int gpioWaveGetMicros(void);
/usr/include/pigpio.h:int gpioWaveGetHighMicros(void);
/usr/include/pigpio.h:int gpioWaveGetMaxMicros(void);
/usr/include/pigpio.h:int gpioWaveGetPulses(void);
/usr/include/pigpio.h:int gpioWaveGetHighPulses(void);
/usr/include/pigpio.h:int gpioWaveGetMaxPulses(void);
/usr/include/pigpio.h:int gpioWaveGetCbs(void);
/usr/include/pigpio.h:int gpioWaveGetHighCbs(void);
/usr/include/pigpio.h:int gpioWaveGetMaxCbs(void);
/usr/include/pigpio.h:int gpioSerialReadOpen(unsigned user_gpio, unsigned baud,
unsigned data_bits);
/usr/include/pigpio.h:int gpioSerialReadInvert(unsigned user_gpio, unsigned
invert);
/usr/include/pigpio.h:int gpioSerialRead(unsigned user_gpio, void *buf, size_t
bufSize);
/usr/include/pigpio.h:int gpioSerialReadClose(unsigned user_gpio);
/usr/include/pigpio.h:int i2cOpen(unsigned i2cBus, unsigned i2cAddr, unsigned
i2cFlags);
/usr/include/pigpio.h:int i2cClose(unsigned handle);
/usr/include/pigpio.h:int i2cWriteQuick(unsigned handle, unsigned bit);
/usr/include/pigpio.h:int i2cWriteByte(unsigned handle, unsigned bVal);
/usr/include/pigpio.h:int i2cReadByte(unsigned handle);
/usr/include/pigpio.h:int i2cWriteByteData(unsigned handle, unsigned i2cReg,
unsigned bVal);
/usr/include/pigpio.h:int i2cWriteWordData(unsigned handle, unsigned i2cReg,
unsigned wVal);
/usr/include/pigpio.h:int i2cReadByteData(unsigned handle, unsigned i2cReg);
/usr/include/pigpio.h:int i2cReadWordData(unsigned handle, unsigned i2cReg);
/usr/include/pigpio.h:int i2cProcessCall(unsigned handle, unsigned i2cReg,
unsigned wVal);
/usr/include/pigpio.h:unsigned handle, unsigned i2cReg, char *buf, unsigned
count);
/usr/include/pigpio.h:int i2cReadBlockData(unsigned handle, unsigned i2cReg,
char *buf);
/usr/include/pigpio.h:unsigned handle, unsigned i2cReg, char *buf, unsigned
count);
/usr/include/pigpio.h:unsigned handle, unsigned i2cReg, char *buf, unsigned
count);
/usr/include/pigpio.h:unsigned handle, unsigned i2cReg, char *buf, unsigned
count);
/usr/include/pigpio.h:int i2cReadDevice(unsigned handle, char *buf, unsigned
count);
/usr/include/pigpio.h:int i2cWriteDevice(unsigned handle, char *buf, unsigned
```

```
count);
/usr/include/pigpio.h:void i2cSwitchCombined(int setting);
/usr/include/pigpio.h:int i2cSegments(unsigned handle, pi_i2c_msg_t *segs,
unsigned numSegs);
/usr/include/pigpio.h:   unsigned outLen);
/usr/include/pigpio.h:int bbI2COpen(unsigned SDA, unsigned SCL, unsigned baud);
/usr/include/pigpio.h:int bbI2CClose(unsigned SDA);
/usr/include/pigpio.h:   unsigned outLen);
/usr/include/pigpio.h:int bscXfer(bsc_xfer_t *bsc_xfer);
/usr/include/pigpio.h:} bsc_xfer_t;
/usr/include/pigpio.h:bsc_xfer_t xfer;
/usr/include/pigpio.h:xfer.control = (0x13<<16) | 0x305;
/usr/include/pigpio.h:memcpy(xfer.txBuf, "ABCD", 4);
/usr/include/pigpio.h:xfer.txCnt = 4;
/usr/include/pigpio.h:status = bscXfer(&xfer);
/usr/include/pigpio.h:   unsigned baud, unsigned spiFlags);
/usr/include/pigpio.h:int bbSPIClose(unsigned CS);
/usr/include/pigpio.h:   unsigned count);
/usr/include/pigpio.h:   int i, count, set_val, read_val;
/usr/include/pigpio.h:   unsigned char inBuf[3];
/usr/include/pigpio.h:   char cmd1[] = {0, 0};
/usr/include/pigpio.h:   char cmd2[] = {12, 0};
/usr/include/pigpio.h:   char cmd3[] = {1, 128, 0};
/usr/include/pigpio.h:      fprintf(stderr, "pigpio initialisation failed.\n");
/usr/include/pigpio.h:      return 1;
/usr/include/pigpio.h:      cmd1[1] = i;
/usr/include/pigpio.h:            set_val = inBuf[1];
/usr/include/pigpio.h:               read_val = ((inBuf[1]&3)<<8) | inBuf[2];
/usr/include/pigpio.h:               printf("%d %d\n", set_val, read_val);
/usr/include/pigpio.h:   bbSPIClose(CE0);
/usr/include/pigpio.h:   bbSPIClose(CE1);
/usr/include/pigpio.h:   gpioTerminate();
/usr/include/pigpio.h:   return 0;
/usr/include/pigpio.h:int spiOpen(unsigned spiChan, unsigned baud, unsigned
spiFlags);
/usr/include/pigpio.h:int spiClose(unsigned handle);
/usr/include/pigpio.h:int spiRead(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:int spiWrite(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:int spiXfer(unsigned handle, char *txBuf, char *rxBuf,
unsigned count);
/usr/include/pigpio.h:int serOpen(char *sertty, unsigned baud, unsigned
serFlags);
/usr/include/pigpio.h:int serClose(unsigned handle);
/usr/include/pigpio.h:int serWriteByte(unsigned handle, unsigned bVal);
/usr/include/pigpio.h:int serReadByte(unsigned handle);
/usr/include/pigpio.h:int serWrite(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:int serRead(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:int serDataAvailable(unsigned handle);
/usr/include/pigpio.h:int gpioTrigger(unsigned user_gpio, unsigned pulseLen,
unsigned level);
/usr/include/pigpio.h:int gpioSetWatchdog(unsigned user_gpio, unsigned timeout);
/usr/include/pigpio.h:   printf("GPIO %d became %d at %d", gpio, level, tick);
/usr/include/pigpio.h:gpioSetAlertFunc(4, aFunction);
/usr/include/pigpio.h:gpioSetWatchdog(4, 5);
/usr/include/pigpio.h:int gpioNoiseFilter(unsigned user_gpio, unsigned steady,
unsigned active);
/usr/include/pigpio.h:int gpioGlitchFilter(unsigned user_gpio, unsigned steady);
/usr/include/pigpio.h:int gpioSetGetSamplesFunc(gpioGetSamplesFunc_t f, uint32_t
bits);
/usr/include/pigpio.h:   gpioGetSamplesFuncEx_t f, uint32_t bits, void
*userdata);
/usr/include/pigpio.h:int gpioSetTimerFunc(unsigned timer, unsigned millis,
gpioTimerFunc_t f);
/usr/include/pigpio.h:   printf("two seconds have elapsed");
```

```
/usr/include/pigpio.h:gpioSetTimerFunc(0, 2000, bFunction);
/usr/include/pigpio.h:   unsigned timer, unsigned millis, gpioTimerFuncEx_t f,
void *userdata);
/usr/include/pigpio.h:pthread_t *gpioStartThread(gpioThreadFunc_t f, void
*userdata);
/usr/include/pigpio.h:      printf("%s", arg);
/usr/include/pigpio.h:      sleep(1);
/usr/include/pigpio.h:   pthread_t *p1, *p2, *p3;
/usr/include/pigpio.h:   if (gpioInitialise() < 0) return 1;
/usr/include/pigpio.h:   p1 = gpioStartThread(myfunc, "thread 1"); sleep(3);
/usr/include/pigpio.h:   p2 = gpioStartThread(myfunc, "thread 2"); sleep(3);
/usr/include/pigpio.h:   p3 = gpioStartThread(myfunc, "thread 3"); sleep(3);
/usr/include/pigpio.h:   gpioStopThread(p3); sleep(3);
/usr/include/pigpio.h:   gpioStopThread(p2); sleep(3);
/usr/include/pigpio.h:   gpioStopThread(p1); sleep(3);
/usr/include/pigpio.h:   gpioTerminate();
/usr/include/pigpio.h:void gpioStopThread(pthread_t *pth);
/usr/include/pigpio.h:int gpioStoreScript(char *script);
/usr/include/pigpio.h:int gpioRunScript(unsigned script_id, unsigned numPar,
uint32_t *param);
/usr/include/pigpio.h:int gpioUpdateScript(unsigned script_id, unsigned numPar,
uint32_t *param);
/usr/include/pigpio.h:int gpioScriptStatus(unsigned script_id, uint32_t *param);
/usr/include/pigpio.h:int gpioStopScript(unsigned script_id);
/usr/include/pigpio.h:int gpioDeleteScript(unsigned script_id);
/usr/include/pigpio.h:int gpioSetSignalFunc(unsigned signum, gpioSignalFunc_t
f);
/usr/include/pigpio.h:   unsigned signum, gpioSignalFuncEx_t f, void *userdata);
/usr/include/pigpio.h:uint32_t gpioRead_Bits_0_31(void);
/usr/include/pigpio.h:uint32_t gpioRead_Bits_32_53(void);
/usr/include/pigpio.h:int gpioWrite_Bits_0_31_Clear(uint32_t bits);
/usr/include/pigpio.h:gpioWrite_Bits_0_31_Clear( (1<<4) | (1<<7) | (1<<15) );
/usr/include/pigpio.h:int gpioWrite_Bits_32_53_Clear(uint32_t bits);
/usr/include/pigpio.h:int gpioWrite_Bits_0_31_Set(uint32_t bits);
/usr/include/pigpio.h:int gpioWrite_Bits_32_53_Set(uint32_t bits);
/usr/include/pigpio.h:gpioWrite_Bits_32_53_Set((1<<(32-32)) | (1<<(40-32)) |
(1<<(53-32)));
/usr/include/pigpio.h:int gpioHardwareClock(unsigned gpio, unsigned clkfreq);
/usr/include/pigpio.h:int gpioHardwarePWM(unsigned gpio, unsigned PWMfreq,
unsigned PWMduty);
/usr/include/pigpio.h:int gpioTime(unsigned timetype, int *seconds, int
*micros);
/usr/include/pigpio.h:int secs, mics;
/usr/include/pigpio.h:gpioTime(PI_TIME_RELATIVE, &secs, &mics);
/usr/include/pigpio.h:printf("library started %d.%03d seconds ago", secs,
mics/1000);
/usr/include/pigpio.h:int gpioSleep(unsigned timetype, int seconds, int micros);
/usr/include/pigpio.h:uint32_t gpioDelay(uint32_t micros);
/usr/include/pigpio.h:uint32_t gpioTick(void);
/usr/include/pigpio.h:uint32_t startTick, endTick;
/usr/include/pigpio.h:int diffTick;
/usr/include/pigpio.h:startTick = gpioTick();
/usr/include/pigpio.h:endTick = gpioTick();
/usr/include/pigpio.h:diffTick = endTick - startTick;
/usr/include/pigpio.h:printf("some processing took %d microseconds", diffTick);
/usr/include/pigpio.h:unsigned gpioHardwareRevision(void);
/usr/include/pigpio.h:unsigned gpioVersion(void);
/usr/include/pigpio.h:int gpioGetPad(unsigned pad);
/usr/include/pigpio.h:int gpioSetPad(unsigned pad, unsigned padStrength);
/usr/include/pigpio.h:int eventMonitor(unsigned handle, uint32_t bits);
/usr/include/pigpio.h:eventMonitor(h, 0xC8);
/usr/include/pigpio.h:int eventSetFunc(unsigned event, eventFunc_t f);
/usr/include/pigpio.h:int eventSetFuncEx(unsigned event, eventFuncEx_t f, void
*userdata);
```

```
/usr/include/pigpio.h:int eventTrigger(unsigned event);
/usr/include/pigpio.h:int shell(char *scriptName, char *scriptString);
/usr/include/pigpio.h:status = shell("scr1", "hello world");
/usr/include/pigpio.h:status = shell("scr1", "hello 'string with spaces'
world");
/usr/include/pigpio.h:status = shell("scr1", "\"hello string with spaces
world\"");
/usr/include/pigpio.h:int fileOpen(char *file, unsigned mode);
/usr/include/pigpio.h:   int handle, c;
/usr/include/pigpio.h:   char buf[60000];
/usr/include/pigpio.h:   if (gpioInitialise() < 0) return 1;
/usr/include/pigpio.h:   handle = fileOpen("/ram/pigpio.c", PI_FILE_READ);
/usr/include/pigpio.h:         buf[c] = 0;
/usr/include/pigpio.h:         printf("%s", buf);
/usr/include/pigpio.h:      fileClose(handle);
/usr/include/pigpio.h:   gpioTerminate();
/usr/include/pigpio.h:int fileClose(unsigned handle);
/usr/include/pigpio.h:fileClose(h);
/usr/include/pigpio.h:int fileWrite(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:status = fileWrite(h, buf, count);
/usr/include/pigpio.h:int fileRead(unsigned handle, char *buf, unsigned count);
/usr/include/pigpio.h:int fileSeek(unsigned handle, int32_t seekOffset, int
seekFrom);
/usr/include/pigpio.h:int fileList(char *fpat,  char *buf, unsigned count);
/usr/include/pigpio.h:   int c;
/usr/include/pigpio.h:   char buf[1000];
/usr/include/pigpio.h:   if (gpioInitialise() < 0) return 1;
/usr/include/pigpio.h:   c = fileList("/ram/p*.c", buf, sizeof(buf));
/usr/include/pigpio.h:      buf[c] = 0;
/usr/include/pigpio.h:      printf("%s", buf);
/usr/include/pigpio.h:   gpioTerminate();
/usr/include/pigpio.h:int gpioCfgBufferSize(unsigned cfgMillis);
/usr/include/pigpio.h:   unsigned cfgMicros, unsigned cfgPeripheral, unsigned
cfgSource);
/usr/include/pigpio.h:int gpioCfgDMAchannels(unsigned primaryChannel, unsigned
secondaryChannel);
/usr/include/pigpio.h:int gpioCfgPermissions(uint64_t updateMask);
/usr/include/pigpio.h:int gpioCfgSocketPort(unsigned port);
/usr/include/pigpio.h:int gpioCfgInterfaces(unsigned ifFlags);
/usr/include/pigpio.h:int gpioCfgMemAlloc(unsigned memAllocMode);
/usr/include/pigpio.h:int gpioCfgNetAddr(int numSockAddr, uint32_t *sockAddr);
/usr/include/pigpio.h:uint32_t gpioCfgGetInternals(void);
/usr/include/pigpio.h:int gpioCfgSetInternals(uint32_t cfgVal);
/usr/include/pigpio.h:int gpioCustom1(unsigned arg1, unsigned arg2, char *argx,
unsigned argc);
/usr/include/pigpio.h:                 char *retBuf, unsigned retMax);
/usr/include/pigpio.h:   unsigned spiBits);
/usr/include/pigpio.h:int rawWaveAddGeneric(unsigned numPulses, rawWave_t
*pulses);
/usr/include/pigpio.h:unsigned rawWaveCB(void);
/usr/include/pigpio.h:rawCbs_t *rawWaveCBAdr(int cbNum);
/usr/include/pigpio.h:uint32_t rawWaveGetOOL(int pos);
/usr/include/pigpio.h:void rawWaveSetOOL(int pos, uint32_t lVal);
/usr/include/pigpio.h:uint32_t rawWaveGetOut(int pos);
/usr/include/pigpio.h:void rawWaveSetOut(int pos, uint32_t lVal);
/usr/include/pigpio.h:uint32_t rawWaveGetIn(int pos);
/usr/include/pigpio.h:void rawWaveSetIn(int pos, uint32_t lVal);
/usr/include/pigpio.h:rawWaveInfo_t rawWaveInfo(int wave_id);
/usr/include/pigpio.h:int getBitInBytes(int bitPos, char *buf, int numBits);
/usr/include/pigpio.h:void putBitInBytes(int bitPos, char *buf, int bit);
/usr/include/pigpio.h:double time_time(void);
/usr/include/pigpio.h:void time_sleep(double seconds);
/usr/include/pigpio.h:void rawDumpWave(void);
/usr/include/pigpio.h:void rawDumpScript(unsigned script_id);
```

```
/usr/include/pigpio.h:} bsc_xfer_t;
/usr/include/pigpio.h:typedef void (*eventFunc_t) (int event, uint32_t tick);
/usr/include/pigpio.h:   (int event, uint32_t tick, void *userdata);
/usr/include/pigpio.h:typedef void (*gpioAlertFunc_t) (int gpio, int level,
uint32_t tick);
/usr/include/pigpio.h:   (int event, int level, uint32_t tick, void *userdata);
/usr/include/pigpio.h:   (const gpioSample_t *samples, int numSamples);
/usr/include/pigpio.h:   (const gpioSample_t *samples, int numSamples, void
*userdata);
/usr/include/pigpio.h:   (int gpio, int level, uint32_t tick);
/usr/include/pigpio.h:   (int gpio, int level, uint32_t tick, void *userdata);
/usr/include/pigpio.h:   uint32_t gpioOn;
/usr/include/pigpio.h:   uint32_t gpioOff;
/usr/include/pigpio.h:   uint32_t usDelay;
/usr/include/pigpio.h:} gpioPulse_t;
/usr/include/pigpio.h:   uint32_t tick;
/usr/include/pigpio.h:   uint32_t level;
/usr/include/pigpio.h:} gpioSample_t;
/usr/include/pigpio.h:typedef void (*gpioSignalFunc_t) (int signum);
/usr/include/pigpio.h:typedef void (*gpioSignalFuncEx_t) (int signum, void
*userdata);
/usr/include/pigpio.h:typedef void *(gpioThreadFunc_t) (void *);
/usr/include/pigpio.h:typedef void (*gpioTimerFunc_t) (void);
/usr/include/pigpio.h:typedef void (*gpioTimerFuncEx_t) (void *userdata);
/usr/include/pigpio.h:   uint16_t flags;
/usr/include/pigpio.h:} pi_i2c_msg_t;
/usr/include/pigpio.h:   unsigned long info;
/usr/include/pigpio.h:   unsigned long src;
/usr/include/pigpio.h:   unsigned long dst;
/usr/include/pigpio.h:   unsigned long length;
/usr/include/pigpio.h:   unsigned long stride;
/usr/include/pigpio.h:   unsigned long next;
/usr/include/pigpio.h:   unsigned long pad[2];
/usr/include/pigpio.h:} rawCbs_t;
/usr/include/pigpio.h:} rawSPI_t;
/usr/include/pigpio.h:   uint32_t gpioOn;
/usr/include/pigpio.h:   uint32_t gpioOff;
/usr/include/pigpio.h:   uint32_t usDelay;
/usr/include/pigpio.h:   uint32_t flags;
/usr/include/pigpio.h:} rawWave_t;
/usr/include/pigpio.h:   uint16_t deleted;
/usr/include/pigpio.h:   uint16_t numCB;
/usr/include/pigpio.h:   uint16_t numBOOL;
/usr/include/pigpio.h:   uint16_t numTOOL;
/usr/include/pigpio.h:} rawWaveInfo_t;
/usr/include/pigpio.h:user_type my_userdata;
/usr/include/pigpio.h:*userdata = my_userdata;
/usr/include/pigpio.h:user_type my_userdata = *(user_type*)userdata;
/usr/include/pigpio.h:free(userdata);
/usr/include/printf.h:};
/usr/include/printf.h:   ARGS is a vector of pointers to the argument data;
/usr/include/printf.h:                        const void *const *__args);
/usr/include/printf.h:                                    int *__size);
/usr/include/printf.h:                                size_t __n, int
*__argtypes);
/usr/include/printf.h:typedef void printf_va_arg_function (void *__mem, va_list
*__ap);
/usr/include/printf.h:  __THROW;
/usr/include/printf.h:  __THROW __attribute_deprecated__;
/usr/include/printf.h:extern int register_printf_modifier (const wchar_t *__str)
__THROW __wur;
/usr/include/printf.h:extern int register_printf_type (printf_va_arg_function
__fct) __THROW __wur;
/usr/include/printf.h:                             int *__restrict __argtypes)
```

```
__THROW;
/usr/include/printf.h:};
/usr/include/printf.h:                  const void *const *__restrict __args)
__THROW;
/usr/include/printf.h:     __THROW;
/usr/include/proc_service.h:} ps_err_e;
/usr/include/proc_service.h:struct ps_prochandle;
/usr/include/proc_service.h:                          psaddr_t, void *, size_t);
/usr/include/proc_service.h:                           psaddr_t, const void *,
size_t);
/usr/include/proc_service.h:                          psaddr_t, void *, size_t);
/usr/include/proc_service.h:                           psaddr_t, const void *,
size_t);
/usr/include/proc_service.h:                             lwpid_t, prgregset_t);
/usr/include/proc_service.h:                             lwpid_t, const
prgregset_t);
/usr/include/proc_service.h:                               lwpid_t, prfpregset_t *);
/usr/include/proc_service.h:                               lwpid_t, const
prfpregset_t *);
/usr/include/proc_service.h:extern pid_t ps_getpid (struct ps_prochandle *);
/usr/include/proc_service.h:                                       lwpid_t, int,
psaddr_t *);
/usr/include/proc_service.h:                                     psaddr_t *sym_addr);
/usr/include/proc_service.h:extern ps_err_e ps_pstop (struct ps_prochandle *);
/usr/include/proc_service.h:extern ps_err_e ps_pcontinue (struct ps_prochandle
*);
/usr/include/proc_service.h:extern ps_err_e ps_lstop (struct ps_prochandle *,
lwpid_t);
/usr/include/proc_service.h:extern ps_err_e ps_lcontinue (struct ps_prochandle
*, lwpid_t);
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:};
/usr/include/pthread.h:                     void *__restrict __arg) __THROWNL
__nonnull ((1, 3));
/usr/include/pthread.h:extern void pthread_exit (void *__retval) __attribute__
((__noreturn__));
/usr/include/pthread.h:extern int pthread_join (pthread_t __th, void
**__thread_return);
/usr/include/pthread.h:extern int pthread_tryjoin_np (pthread_t __th, void
**__thread_return) __THROW;
/usr/include/pthread.h:                            const struct timespec
*__abstime);
/usr/include/pthread.h:                            const struct timespec
*__abstime);
/usr/include/pthread.h:                          __pthread_timedjoin_np64);
/usr/include/pthread.h:                          __pthread_clockjoin_np64);
/usr/include/pthread.h:extern int pthread_detach (pthread_t __th) __THROW;
/usr/include/pthread.h:extern pthread_t pthread_self (void) __THROW
__attribute__ ((__const__));
/usr/include/pthread.h:  __THROW __attribute__ ((__const__));
/usr/include/pthread.h:extern int pthread_attr_init (pthread_attr_t *__attr)
__THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
```

```
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:                                 __param) __THROW
__nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2)) __attribute_deprecated__;
/usr/include/pthread.h:     __THROW __nonnull ((1)) __attribute_deprecated__;
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2, 3));
/usr/include/pthread.h:                             size_t __stacksize) __THROW
__nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 3));
/usr/include/pthread.h:     __THROW __nonnull ((1, 3));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:                                 const __sigset_t
*sigmask);
/usr/include/pthread.h:                                 __sigset_t *sigmask);
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((2));
/usr/include/pthread.h:     __THROW __nonnull ((3));
/usr/include/pthread.h:     __THROW __nonnull ((2, 3));
/usr/include/pthread.h:     __THROW;
/usr/include/pthread.h:     __THROW __nonnull ((2));
/usr/include/pthread.h:     __THROW __nonnull ((2));
/usr/include/pthread.h:extern int pthread_getconcurrency (void) __THROW;
/usr/include/pthread.h:extern int pthread_setconcurrency (int __level) __THROW;
/usr/include/pthread.h:extern int pthread_yield (void) __THROW;
/usr/include/pthread.h:pthread_yield is deprecated, use sched_yield instead");
/usr/include/pthread.h:     __THROW __nonnull ((3));
/usr/include/pthread.h:     __THROW __nonnull ((3));
/usr/include/pthread.h:                     void (*__init_routine) (void))
__nonnull ((1, 2));
/usr/include/pthread.h:extern int pthread_setcancelstate (int __state, int
*__oldstate);
/usr/include/pthread.h:extern int pthread_setcanceltype (int __type, int
*__oldtype);
/usr/include/pthread.h:extern int pthread_cancel (pthread_t __th);
/usr/include/pthread.h:extern void pthread_testcancel (void);
/usr/include/pthread.h:  __jmp_buf __cancel_jmp_buf;
/usr/include/pthread.h:  int __mask_was_saved;
/usr/include/pthread.h:};
/usr/include/pthread.h:  struct __cancel_jmp_buf_tag __cancel_jmp_buf[1];
/usr/include/pthread.h:  void *__pad[4];
/usr/include/pthread.h:} __pthread_unwind_buf_t __attribute__ ((__aligned__));
/usr/include/pthread.h:  void (*__cancel_routine) (void *);
/usr/include/pthread.h:  void *__cancel_arg;
/usr/include/pthread.h:  int __do_it;
/usr/include/pthread.h:  int __cancel_type;
/usr/include/pthread.h:};
/usr/include/pthread.h:  void (*__cancel_routine) (void *);
/usr/include/pthread.h:  void *__cancel_arg;
/usr/include/pthread.h:  int __do_it;
/usr/include/pthread.h:  int __cancel_type;
/usr/include/pthread.h:};
/usr/include/pthread.h:    __frame->__cancel_routine (__frame->__cancel_arg);
/usr/include/pthread.h:   .__do_it = 1 };
/usr/include/pthread.h:     __cleanup_fct_attribute;
```

```
/usr/include/pthread.h:  __cleanup_fct_attribute;
/usr/include/pthread.h:     __cleanup_fct_attribute;
/usr/include/pthread.h:  __cleanup_fct_attribute;
/usr/include/pthread.h:     ;
/usr/include/pthread.h:                       __sigsetjmp)
__attribute_returns_twice__;
/usr/include/pthread.h:                  int __savemask) __THROWNL;
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:                                __abstime) __THROWNL
__nonnull ((1, 2));
/usr/include/pthread.h:                                __pthread_mutex_timedlock64)
__nonnull ((1, 2));
/usr/include/pthread.h:                                __abstime) __THROWNL
__nonnull ((1, 3));
/usr/include/pthread.h:                                __pthread_mutex_clocklock64)
__nonnull ((1, 3));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1, 3));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:pthread_mutex_consistent_np is deprecated, use
pthread_mutex_consistent");
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:pthread_mutexattr_getrobust_np is deprecated, use
pthread_mutexattr_getrobust");
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:pthread_mutexattr_setrobust_np is deprecated, use
pthread_mutexattr_setrobust");
/usr/include/pthread.h:                              __attr) __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:  __THROWNL __nonnull ((1));
/usr/include/pthread.h:                                      __abstime) __THROWNL
__nonnull ((1, 2));
/usr/include/pthread.h:    __nonnull ((1, 2));
/usr/include/pthread.h:                                      __abstime) __THROWNL
__nonnull ((1, 3));
/usr/include/pthread.h:    __nonnull ((1, 3));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:                                      __abstime) __THROWNL
__nonnull ((1, 2));
/usr/include/pthread.h:    __nonnull ((1, 2));
/usr/include/pthread.h:                                      __abstime) __THROWNL
__nonnull ((1, 3));
/usr/include/pthread.h:    __nonnull ((1, 3));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
```

```
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:                                     int __pref) __THROW
__nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __nonnull ((1, 2));
/usr/include/pthread.h:     __nonnull ((1, 2, 3));
/usr/include/pthread.h:     __nonnull ((1, 2, 3));
/usr/include/pthread.h:     __nonnull ((1, 2, 4));
/usr/include/pthread.h:     __nonnull ((1, 2, 4));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:                                   int __pshared) __THROW
__nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROWNL __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1, 2));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:     __THROW __nonnull ((1));
/usr/include/pthread.h:extern int pthread_key_delete (pthread_key_t __key)
__THROW;
/usr/include/pthread.h:extern void *pthread_getspecific (pthread_key_t __key)
__THROW;
/usr/include/pthread.h:  __THROW __attr_access_none (2);
/usr/include/pthread.h:     __THROW __nonnull ((2));
/usr/include/pthread.h:                     void (*__child) (void)) __THROW;
/usr/include/pthread.h:  return __thread1 == __thread2;
/usr/include/pty.h:struct termios;
/usr/include/pty.h:struct winsize;
/usr/include/pty.h:                 const struct winsize *__winp) __THROW;
/usr/include/pty.h:                 const struct winsize *__winp) __THROW;
/usr/include/pwd.h:typedef __gid_t gid_t;
/usr/include/pwd.h:typedef __uid_t uid_t;
/usr/include/pwd.h:};
/usr/include/pwd.h:extern void setpwent (void);
/usr/include/pwd.h:extern void endpwent (void);
/usr/include/pwd.h:extern struct passwd *getpwent (void);
/usr/include/pwd.h:extern struct passwd *fgetpwent (FILE *__stream) __nonnull
((1));
/usr/include/pwd.h:                   FILE *__restrict __f);
/usr/include/pwd.h:extern struct passwd *getpwuid (__uid_t __uid);
/usr/include/pwd.h:extern struct passwd *getpwnam (const char *__name) __nonnull
((1));
/usr/include/pwd.h:    __attr_access ((__write_only__, 2, 3));
/usr/include/pwd.h:    __attr_access ((__write_only__, 3, 4));
/usr/include/pwd.h:    __attr_access ((__write_only__, 3, 4));
/usr/include/pwd.h:    __attr_access ((__write_only__, 3, 4));
/usr/include/pwd.h:extern int getpw (__uid_t __uid, char *__buffer);
/usr/include/regex.h:typedef size_t __re_size_t;
/usr/include/regex.h:typedef size_t __re_long_size_t;
/usr/include/regex.h:typedef unsigned int __re_size_t;
```

```
/usr/include/regex.h:typedef unsigned long int __re_long_size_t;
/usr/include/regex.h:typedef long int s_reg_t;
/usr/include/regex.h:typedef unsigned long int active_reg_t;
/usr/include/regex.h:typedef unsigned long int reg_syntax_t;
/usr/include/regex.h:      expression or after an open-group or an alternation
operator;
/usr/include/regex.h:extern reg_syntax_t re_syntax_options;
/usr/include/regex.h:} reg_errcode_t;
/usr/include/regex.h:  struct re_dfa_t *__REPB_PREFIX(buffer);
/usr/include/regex.h:  __re_long_size_t __REPB_PREFIX(allocated);
/usr/include/regex.h:  __re_long_size_t __REPB_PREFIX(used);
/usr/include/regex.h:  reg_syntax_t __REPB_PREFIX(syntax);
/usr/include/regex.h:  char *__REPB_PREFIX(fastmap);
/usr/include/regex.h:  __RE_TRANSLATE_TYPE __REPB_PREFIX(translate);
/usr/include/regex.h:  size_t re_nsub;
/usr/include/regex.h:  unsigned __REPB_PREFIX(can_be_null) : 1;
/usr/include/regex.h:  unsigned __REPB_PREFIX(regs_allocated) : 2;
/usr/include/regex.h:  unsigned __REPB_PREFIX(fastmap_accurate) : 1;
/usr/include/regex.h:  unsigned __REPB_PREFIX(no_sub) : 1;
/usr/include/regex.h:  unsigned __REPB_PREFIX(not_bol) : 1;
/usr/include/regex.h:  unsigned __REPB_PREFIX(not_eol) : 1;
/usr/include/regex.h:  unsigned __REPB_PREFIX(newline_anchor) : 1;
/usr/include/regex.h:};
/usr/include/regex.h:typedef struct re_pattern_buffer regex_t;
/usr/include/regex.h:typedef ssize_t regoff_t;
/usr/include/regex.h:typedef int regoff_t;
/usr/include/regex.h:  __re_size_t num_regs;
/usr/include/regex.h:  regoff_t *start;
/usr/include/regex.h:  regoff_t *end;
/usr/include/regex.h:};
/usr/include/regex.h:} regmatch_t;
/usr/include/regex.h:extern reg_syntax_t re_set_syntax (reg_syntax_t __syntax);
/usr/include/regex.h:    _Attr_access_ ((__read_only__, 1, 2));
/usr/include/regex.h:extern int re_compile_fastmap (struct re_pattern_buffer
*__buffer);
/usr/include/regex.h:    _Attr_access_ ((__read_only__, 2, 3));
/usr/include/regex.h:    _Attr_access_ ((__read_only__, 4, 5));
/usr/include/regex.h:    _Attr_access_ ((__read_only__, 2, 3));
/usr/include/regex.h:    _Attr_access_ ((__read_only__, 4, 5));
/usr/include/regex.h:                          regoff_t *__starts, regoff_t
*__ends);
/usr/include/regex.h:extern char *re_comp (const char *);
/usr/include/regex.h:extern int re_exec (const char *);
/usr/include/regex.h:               int __cflags);
/usr/include/regex.h:               int __eflags);
/usr/include/regex.h:    _Attr_access_ ((__write_only__, 3, 4));
/usr/include/regex.h:extern void regfree (regex_t *__preg);
/usr/include/resolv.h:};
/usr/include/resolv.h:extern struct __res_state *__res_state(void) __attribute__
((__const__));
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED_MSG ("use getaddrinfo instead");
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:void             res_close (void) __THROW;
/usr/include/resolv.h:int              res_init (void) __THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:                        unsigned char *, int) __THROW;
/usr/include/resolv.h:     __THROW;
/usr/include/resolv.h:                            unsigned char *, int) __THROW;
/usr/include/resolv.h:     __THROW;
/usr/include/resolv.h:     __THROW;
/usr/include/resolv.h:int              res_hnok (const char *) __THROW;
/usr/include/resolv.h:int              res_ownok (const char *) __THROW;
```

```
/usr/include/resolv.h:int               res_mailok (const char *) __THROW;
/usr/include/resolv.h:int               res_dnok (const char *) __THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __THROW;
/usr/include/resolv.h:int               b64_pton (char const *, unsigned char *,
size_t) __THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED_MSG ("use NS_PUT16 instead");
/usr/include/resolv.h:  __RESOLV_DEPRECATED_MSG ("use NS_PUT32 instead");
/usr/include/resolv.h:const char *      p_class (int) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:const char *      p_time (uint32_t) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:const char *      p_type (int) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:const char *      p_rcode (int) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:                          int, FILE *) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:                         FILE *) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:                          int, char *, int) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:                         FILE *) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:const char *      p_option (unsigned long __option)
__THROW __RESOLV_DEPRECATED;
/usr/include/resolv.h:int               dn_count_labels (const char *) __THROW
__RESOLV_DEPRECATED;
/usr/include/resolv.h:                   unsigned char **) __THROW;
/usr/include/resolv.h:                     const unsigned char *, char *, int)
__THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED_MSG ("use getentropy instead");
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:int               res_ninit (res_state) __THROW;
/usr/include/resolv.h:  __RESOLV_DEPRECATED;
/usr/include/resolv.h:     __THROW __RESOLV_DEPRECATED_MSG ("use getaddrinfo
instead");
/usr/include/resolv.h:                       unsigned char *, int) __THROW;
/usr/include/resolv.h:                        unsigned char *, int) __THROW;
/usr/include/resolv.h:                            int, unsigned char *, int)
__THROW;
/usr/include/resolv.h:     __THROW;
/usr/include/resolv.h:                      unsigned char *, int) __THROW;
/usr/include/resolv.h:void              res_nclose (res_state) __THROW;
/usr/include/sched.h:typedef __pid_t pid_t;
/usr/include/sched.h:     __THROW;
/usr/include/sched.h:extern int sched_getparam (__pid_t __pid, struct
sched_param *__param) __THROW;
/usr/include/sched.h:                           const struct sched_param
*__param) __THROW;
/usr/include/sched.h:extern int sched_getscheduler (__pid_t __pid) __THROW;
/usr/include/sched.h:extern int sched_yield (void) __THROW;
/usr/include/sched.h:extern int sched_get_priority_max (int __algorithm)
__THROW;
/usr/include/sched.h:extern int sched_get_priority_min (int __algorithm)
__THROW;
/usr/include/sched.h:extern int sched_rr_get_interval (__pid_t __pid, struct
timespec *__t) __THROW;
```

```
/usr/include/sched.h:                            __sched_rr_get_interval64);
/usr/include/sched.h:                          const cpu_set_t *__cpuset)
__THROW;
/usr/include/sched.h:                          cpu_set_t *__cpuset) __THROW;
/usr/include/search.h:    struct qelem *q_forw;
/usr/include/search.h:    struct qelem *q_back;
/usr/include/search.h:    char q_data[1];
/usr/include/search.h:  };
/usr/include/search.h:extern void insque (void *__elem, void *__prev) __THROW;
/usr/include/search.h:extern void remque (void *__elem) __THROW;
/usr/include/search.h:typedef int (*__compar_fn_t) (const void *, const void *);
/usr/include/search.h:typedef __compar_fn_t comparison_fn_t;
/usr/include/search.h:ACTION;
/usr/include/search.h:    char *key;
/usr/include/search.h:    void *data;
/usr/include/search.h:ENTRY;
/usr/include/search.h:struct _ENTRY;
/usr/include/search.h:extern ENTRY *hsearch (ENTRY __item, ACTION __action)
__THROW;
/usr/include/search.h:extern int hcreate (size_t __nel) __THROW;
/usr/include/search.h:extern void hdestroy (void) __THROW;
/usr/include/search.h:    struct _ENTRY *table;
/usr/include/search.h:    unsigned int size;
/usr/include/search.h:    unsigned int filled;
/usr/include/search.h:  };
/usr/include/search.h:                 struct hsearch_data *__htab) __THROW;
/usr/include/search.h:extern int hcreate_r (size_t __nel, struct hsearch_data
*__htab) __THROW;
/usr/include/search.h:extern void hdestroy_r (struct hsearch_data *__htab)
__THROW;
/usr/include/search.h:VISIT;
/usr/include/search.h:                 __compar_fn_t __compar);
/usr/include/search.h:               __compar_fn_t __compar);
/usr/include/search.h:                 __compar_fn_t __compar);
/usr/include/search.h:                              int __level);
/usr/include/search.h:extern void twalk (const void *__root, __action_fn_t
__action);
/usr/include/search.h:                void *__closure);
/usr/include/search.h:typedef void (*__free_fn_t) (void *__nodep);
/usr/include/search.h:extern void tdestroy (void *__root, __free_fn_t
__freefct);
/usr/include/search.h:              size_t *__nmemb, size_t __size,
__compar_fn_t __compar);
/usr/include/search.h:                size_t *__nmemb, size_t __size,
__compar_fn_t __compar);
/usr/include/semaphore.h:  __THROW __nonnull ((1));
/usr/include/semaphore.h:extern int sem_destroy (sem_t *__sem) __THROW __nonnull
((1));
/usr/include/semaphore.h:  __THROW __nonnull ((1));
/usr/include/semaphore.h:extern int sem_close (sem_t *__sem) __THROW __nonnull
((1));
/usr/include/semaphore.h:extern int sem_unlink (const char *__name) __THROW
__nonnull ((1));
/usr/include/semaphore.h:extern int sem_wait (sem_t *__sem) __nonnull ((1));
/usr/include/semaphore.h:  __nonnull ((1, 2));
/usr/include/semaphore.h:  __nonnull ((1, 2));
/usr/include/semaphore.h:  __nonnull ((1, 3));
/usr/include/semaphore.h:  __nonnull ((1, 3));
/usr/include/semaphore.h:extern int sem_trywait (sem_t *__sem) __THROWNL
__nonnull ((1));
/usr/include/semaphore.h:extern int sem_post (sem_t *__sem) __THROWNL __nonnull
((1));
/usr/include/semaphore.h:  __THROW __nonnull ((1, 2));
/usr/include/setjmp.h:typedef struct __jmp_buf_tag jmp_buf[1];
```

```
/usr/include/setjmp.h:extern int setjmp (jmp_buf __env) __THROWNL;
/usr/include/setjmp.h:extern int __sigsetjmp (struct __jmp_buf_tag __env[1], int
__savemask) __THROWNL;
/usr/include/setjmp.h:extern int _setjmp (struct __jmp_buf_tag __env[1])
__THROWNL;
/usr/include/setjmp.h:     __THROWNL __attribute__ ((__noreturn__));
/usr/include/setjmp.h:     __THROWNL __attribute__ ((__noreturn__));
/usr/include/setjmp.h:typedef struct __jmp_buf_tag sigjmp_buf[1];
/usr/include/setjmp.h:     __THROWNL __attribute__ ((__noreturn__));
/usr/include/sgtty.h:/* On some systems this type is not defined by <bits/ioctl-
types.h>;
/usr/include/sgtty.h:struct sgttyb;
/usr/include/sgtty.h:extern int gtty (int __fd, struct sgttyb *__params)
__THROW;
/usr/include/sgtty.h:extern int stty (int __fd, const struct sgttyb *__params)
__THROW;
/usr/include/shadow.h:  };
/usr/include/shadow.h:extern void setspent (void);
/usr/include/shadow.h:extern void endspent (void);
/usr/include/shadow.h:extern struct spwd *getspent (void);
/usr/include/shadow.h:extern struct spwd *getspnam (const char *__name);
/usr/include/shadow.h:extern struct spwd *sgetspent (const char *__string);
/usr/include/shadow.h:extern struct spwd *fgetspent (FILE *__stream);
/usr/include/shadow.h:extern int putspent (const struct spwd *__p, FILE
*__stream);
/usr/include/shadow.h:  __attr_access ((__write_only__, 2, 3));
/usr/include/shadow.h:  __attr_access ((__write_only__, 3, 4));
/usr/include/shadow.h:  __attr_access ((__write_only__, 3, 4));
/usr/include/shadow.h:  __attr_access ((__write_only__, 3, 4));
/usr/include/shadow.h:extern int lckpwdf (void) __THROW;
/usr/include/shadow.h:extern int ulckpwdf (void) __THROW;
/usr/include/signal.h:typedef __pid_t pid_t;
/usr/include/signal.h:typedef __uid_t uid_t;
/usr/include/signal.h:typedef void (*__sighandler_t) (int);
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:                                     __sysv_signal);
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:extern int kill (__pid_t __pid, int __sig) __THROW;
/usr/include/signal.h:extern int killpg (__pid_t __pgrp, int __sig) __THROW;
/usr/include/signal.h:extern int raise (int __sig) __THROW;
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:extern int gsignal (int __sig) __THROW;
/usr/include/signal.h:extern void psignal (int __sig, const char *__s);
/usr/include/signal.h:extern void psiginfo (const siginfo_t *__pinfo, const char
*__s);
/usr/include/signal.h:  __attribute_deprecated_msg__ ("Use the sigsuspend
function instead");
/usr/include/signal.h:extern int __sigpause (int __sig_or_mask, int __is_sig);
/usr/include/signal.h:extern int sigblock (int __mask) __THROW
__attribute_deprecated__;
/usr/include/signal.h:extern int sigsetmask (int __mask) __THROW
__attribute_deprecated__;
/usr/include/signal.h:extern int siggetmask (void) __THROW
__attribute_deprecated__;
/usr/include/signal.h:typedef __sighandler_t sighandler_t;
/usr/include/signal.h:typedef __sighandler_t sig_t;
/usr/include/signal.h:extern int sigemptyset (sigset_t *__set) __THROW __nonnull
((1));
/usr/include/signal.h:extern int sigfillset (sigset_t *__set) __THROW __nonnull
((1));
/usr/include/signal.h:extern int sigaddset (sigset_t *__set, int __signo)
__THROW __nonnull ((1));
```

```
/usr/include/signal.h:extern int sigdelset (sigset_t *__set, int __signo)
__THROW __nonnull ((1));
/usr/include/signal.h:     __THROW __nonnull ((1));
/usr/include/signal.h:extern int sigisemptyset (const sigset_t *__set) __THROW
__nonnull ((1));
/usr/include/signal.h:                const sigset_t *__right) __THROW __nonnull
((1, 2, 3));
/usr/include/signal.h:               const sigset_t *__right) __THROW __nonnull
((1, 2, 3));
/usr/include/signal.h:                  sigset_t *__restrict __oset) __THROW;
/usr/include/signal.h:extern int sigsuspend (const sigset_t *__set) __nonnull
((1));
/usr/include/signal.h:                struct sigaction *__restrict __oact)
__THROW;
/usr/include/signal.h:extern int sigpending (sigset_t *__set) __THROW __nonnull
((1));
/usr/include/signal.h:     __nonnull ((1, 2));
/usr/include/signal.h:                  siginfo_t *__restrict __info) __nonnull
((1));
/usr/include/signal.h:     __nonnull ((1));
/usr/include/signal.h:     __nonnull ((1));
/usr/include/signal.h:     __THROW;
/usr/include/signal.h:extern int sigreturn (struct sigcontext *__scp) __THROW;
/usr/include/signal.h:  __attribute_deprecated_msg__ ("Use sigaction with
SA_RESTART instead");
/usr/include/signal.h:                  stack_t *__restrict __oss) __THROW;
/usr/include/signal.h:     __THROW __attribute_deprecated__;
/usr/include/signal.h:  __attribute_deprecated_msg__ ("Use the sigprocmask
function instead");
/usr/include/signal.h:  __attribute_deprecated_msg__ ("Use the sigprocmask
function instead");
/usr/include/signal.h:  __attribute_deprecated_msg__ ("Use the signal function
instead");
/usr/include/signal.h:    ("Use the signal and sigprocmask functions instead");
/usr/include/signal.h:extern int __libc_current_sigrtmin (void) __THROW;
/usr/include/signal.h:extern int __libc_current_sigrtmax (void) __THROW;
/usr/include/spawn.h:  short int __flags;
/usr/include/spawn.h:  pid_t __pgrp;
/usr/include/spawn.h:  sigset_t __sd;
/usr/include/spawn.h:  sigset_t __ss;
/usr/include/spawn.h:  struct sched_param __sp;
/usr/include/spawn.h:  int __policy;
/usr/include/spawn.h:  int __pad[16];
/usr/include/spawn.h:} posix_spawnattr_t;
/usr/include/spawn.h:  int __allocated;
/usr/include/spawn.h:  int __used;
/usr/include/spawn.h:  struct __spawn_action *__actions;
/usr/include/spawn.h:  int __pad[16];
/usr/include/spawn.h:} posix_spawn_file_actions_t;
/usr/include/spawn.h:    __nonnull ((2, 5));
/usr/include/spawn.h:    __nonnull ((2, 5));
/usr/include/spawn.h:    __THROW __nonnull ((1));
/usr/include/spawn.h:    __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:    __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
```

```
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 3));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1, 2));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/spawn.h:     __THROW __nonnull ((1));
/usr/include/stab.h:};
/usr/include/stdint.h:typedef __int_least8_t int_least8_t;
/usr/include/stdint.h:typedef __int_least16_t int_least16_t;
/usr/include/stdint.h:typedef __int_least32_t int_least32_t;
/usr/include/stdint.h:typedef __int_least64_t int_least64_t;
/usr/include/stdint.h:typedef __uint_least8_t uint_least8_t;
/usr/include/stdint.h:typedef __uint_least16_t uint_least16_t;
/usr/include/stdint.h:typedef __uint_least32_t uint_least32_t;
/usr/include/stdint.h:typedef __uint_least64_t uint_least64_t;
/usr/include/stdint.h:typedef signed char               int_fast8_t;
/usr/include/stdint.h:typedef long int          int_fast16_t;
/usr/include/stdint.h:typedef long int          int_fast32_t;
/usr/include/stdint.h:typedef long int          int_fast64_t;
/usr/include/stdint.h:typedef int                       int_fast16_t;
/usr/include/stdint.h:typedef int                       int_fast32_t;
/usr/include/stdint.h:typedef long long int             int_fast64_t;
/usr/include/stdint.h:typedef unsigned char             uint_fast8_t;
/usr/include/stdint.h:typedef unsigned long int uint_fast16_t;
/usr/include/stdint.h:typedef unsigned long int uint_fast32_t;
/usr/include/stdint.h:typedef unsigned long int uint_fast64_t;
/usr/include/stdint.h:typedef unsigned int              uint_fast16_t;
/usr/include/stdint.h:typedef unsigned int              uint_fast32_t;
/usr/include/stdint.h:typedef unsigned long long int    uint_fast64_t;
/usr/include/stdint.h:typedef long int          intptr_t;
/usr/include/stdint.h:typedef unsigned long int uintptr_t;
/usr/include/stdint.h:typedef int                       intptr_t;
/usr/include/stdint.h:typedef unsigned int              uintptr_t;
/usr/include/stdint.h:typedef __intmax_t                intmax_t;
/usr/include/stdint.h:typedef __uintmax_t               uintmax_t;
/usr/include/stdio_ext.h:};
/usr/include/stdio_ext.h:extern size_t __fbufsize (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern int __freading (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern int __fwriting (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern int __freadable (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern int __fwritable (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern int __flbf (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern void __fpurge (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern size_t __fpending (FILE *__fp) __THROW;
/usr/include/stdio_ext.h:extern void _flushlbf (void);
/usr/include/stdio_ext.h:extern int __fsetlocking (FILE *__fp, int __type)
__THROW;
/usr/include/stdio.h:typedef __gnuc_va_list va_list;
/usr/include/stdio.h:typedef __off_t off_t;
/usr/include/stdio.h:typedef __off64_t off_t;
/usr/include/stdio.h:typedef __off64_t off64_t;
/usr/include/stdio.h:typedef __ssize_t ssize_t;
/usr/include/stdio.h:typedef __fpos_t fpos_t;
/usr/include/stdio.h:typedef __fpos64_t fpos_t;
/usr/include/stdio.h:typedef __fpos64_t fpos64_t;
/usr/include/stdio.h:extern int remove (const char *__filename) __THROW;
/usr/include/stdio.h:extern int rename (const char *__old, const char *__new)
__THROW;
/usr/include/stdio.h:                const char *__new) __THROW;
/usr/include/stdio.h:                 const char *__new, unsigned int __flags)
```

```
__THROW;
/usr/include/stdio.h:extern int fclose (FILE *__stream);
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:   __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:extern char *tmpnam (char[L_tmpnam]) __THROW __wur;
/usr/include/stdio.h:extern char *tmpnam_r (char __s[L_tmpnam]) __THROW __wur;
/usr/include/stdio.h:   __THROW __attribute_malloc__ __wur __attr_dealloc_free;
/usr/include/stdio.h:extern int fflush (FILE *__stream);
/usr/include/stdio.h:extern int fflush_unlocked (FILE *__stream);
/usr/include/stdio.h:extern int fcloseall (void);
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:                 FILE *__restrict __stream) __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:                   FILE *__restrict __stream) __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __THROW __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose __wur;
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc_fclose;
/usr/include/stdio.h:extern void setbuf (FILE *__restrict __stream, char
*__restrict __buf) __THROW;
/usr/include/stdio.h:   If BUF is not NULL, use N bytes of it for buffering;
/usr/include/stdio.h:               int __modes, size_t __n) __THROW;
/usr/include/stdio.h:                  size_t __size) __THROW;
/usr/include/stdio.h:extern void setlinebuf (FILE *__stream) __THROW;
/usr/include/stdio.h:               const char *__restrict __format, ...);
/usr/include/stdio.h:extern int printf (const char *__restrict __format, ...);
/usr/include/stdio.h:               const char *__restrict __format, ...)
__THROWNL;
/usr/include/stdio.h:                __gnuc_va_list __arg);
/usr/include/stdio.h:extern int vprintf (const char *__restrict __format,
__gnuc_va_list __arg);
/usr/include/stdio.h:                __gnuc_va_list __arg) __THROWNL;
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 3,
4)));
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 3,
0)));
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 2,
0))) __wur;
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 2,
3))) __wur;
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 2,
3))) __wur;
/usr/include/stdio.h:     __attribute__ ((__format__ (__printf__, 2, 0)));
/usr/include/stdio.h:     __attribute__ ((__format__ (__printf__, 2, 3)));
/usr/include/stdio.h:              const char *__restrict __format, ...) __wur;
/usr/include/stdio.h:extern int scanf (const char *__restrict __format, ...)
__wur;
/usr/include/stdio.h:             const char *__restrict __format, ...)
__THROW;
/usr/include/stdio.h:                 __isoc99_fscanf) __wur;
/usr/include/stdio.h:                 __isoc99_scanf) __wur;
/usr/include/stdio.h:                     __isoc99_sscanf);
/usr/include/stdio.h:                      const char *__restrict
__format, ...) __wur;
/usr/include/stdio.h:extern int __isoc99_scanf (const char *__restrict __format,
...) __wur;
/usr/include/stdio.h:                         const char *__restrict
__format, ...) __THROW;
/usr/include/stdio.h:     __attribute__ ((__format__ (__scanf__, 2, 0))) __wur;
/usr/include/stdio.h:     __attribute__ ((__format__ (__scanf__, 1, 0))) __wur;
```

```
/usr/include/stdio.h:     __THROW __attribute__ ((__format__ (__scanf__, 2,
0)));
/usr/include/stdio.h:     __attribute__ ((__format__ (__scanf__, 2, 0))) __wur;
/usr/include/stdio.h:     __attribute__ ((__format__ (__scanf__, 1, 0))) __wur;
/usr/include/stdio.h:     __attribute__ ((__format__ (__scanf__, 2, 0)));
/usr/include/stdio.h:                          __gnuc_va_list __arg) __wur;
/usr/include/stdio.h:                         __gnuc_va_list __arg) __wur;
/usr/include/stdio.h:                          __gnuc_va_list __arg) __THROW;
/usr/include/stdio.h:extern int fgetc (FILE *__stream);
/usr/include/stdio.h:extern int getc (FILE *__stream);
/usr/include/stdio.h:extern int getchar (void);
/usr/include/stdio.h:extern int getc_unlocked (FILE *__stream);
/usr/include/stdio.h:extern int getchar_unlocked (void);
/usr/include/stdio.h:extern int fgetc_unlocked (FILE *__stream);
/usr/include/stdio.h:extern int fputc (int __c, FILE *__stream);
/usr/include/stdio.h:extern int putc (int __c, FILE *__stream);
/usr/include/stdio.h:extern int putchar (int __c);
/usr/include/stdio.h:extern int fputc_unlocked (int __c, FILE *__stream);
/usr/include/stdio.h:extern int putc_unlocked (int __c, FILE *__stream);
/usr/include/stdio.h:extern int putchar_unlocked (int __c);
/usr/include/stdio.h:extern int getw (FILE *__stream);
/usr/include/stdio.h:extern int putw (int __w, FILE *__stream);
/usr/include/stdio.h:     __wur __fortified_attr_access (__write_only__, 1, 2);
/usr/include/stdio.h:extern char *gets (char *__s) __wur
__attribute_deprecated__;
/usr/include/stdio.h:    __fortified_attr_access (__write_only__, 1, 2);
/usr/include/stdio.h:                              FILE *__restrict __stream)
__wur;
/usr/include/stdio.h:                             FILE *__restrict __stream)
__wur;
/usr/include/stdio.h:                            FILE *__restrict __stream) __wur;
/usr/include/stdio.h:extern int fputs (const char *__restrict __s, FILE
*__restrict __stream);
/usr/include/stdio.h:extern int puts (const char *__s);
/usr/include/stdio.h:extern int ungetc (int __c, FILE *__stream);
/usr/include/stdio.h:                size_t __n, FILE *__restrict __stream)
__wur;
/usr/include/stdio.h:                 size_t __n, FILE *__restrict __s);
/usr/include/stdio.h:                      FILE *__restrict __stream);
/usr/include/stdio.h:                         size_t __n, FILE *__restrict
__stream) __wur;
/usr/include/stdio.h:                          size_t __n, FILE *__restrict
__stream);
/usr/include/stdio.h:extern int fseek (FILE *__stream, long int __off, int
__whence);
/usr/include/stdio.h:extern long int ftell (FILE *__stream) __wur;
/usr/include/stdio.h:extern void rewind (FILE *__stream);
/usr/include/stdio.h:extern int fseeko (FILE *__stream, __off_t __off, int
__whence);
/usr/include/stdio.h:extern __off_t ftello (FILE *__stream) __wur;
/usr/include/stdio.h:                   fseeko64);
/usr/include/stdio.h:extern __off64_t __REDIRECT (ftello, (FILE *__stream),
ftello64);
/usr/include/stdio.h:extern int fgetpos (FILE *__restrict __stream, fpos_t
*__restrict __pos);
/usr/include/stdio.h:extern int fsetpos (FILE *__stream, const fpos_t *__pos);
/usr/include/stdio.h:                              fpos_t *__restrict __pos),
fgetpos64);
/usr/include/stdio.h:                  (FILE *__stream, const fpos_t *__pos),
fsetpos64);
/usr/include/stdio.h:extern int fseeko64 (FILE *__stream, __off64_t __off, int
__whence);
/usr/include/stdio.h:extern __off64_t ftello64 (FILE *__stream) __wur;
/usr/include/stdio.h:extern int fgetpos64 (FILE *__restrict __stream, fpos64_t
```

```
*__restrict __pos);
/usr/include/stdio.h:extern int fsetpos64 (FILE *__stream, const fpos64_t
*__pos);
/usr/include/stdio.h:extern void clearerr (FILE *__stream) __THROW;
/usr/include/stdio.h:extern int feof (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern int ferror (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern void clearerr_unlocked (FILE *__stream) __THROW;
/usr/include/stdio.h:extern int feof_unlocked (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern int ferror_unlocked (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern void perror (const char *__s);
/usr/include/stdio.h:extern int fileno (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern int fileno_unlocked (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern int pclose (FILE *__stream);
/usr/include/stdio.h:  __attribute_malloc__ __attr_dealloc (pclose, 1) __wur;
/usr/include/stdio.h:  __attr_access ((__write_only__, 1));
/usr/include/stdio.h:  __attr_access ((__write_only__, 1));
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 2,
3)));
/usr/include/stdio.h:     __THROWNL __attribute__ ((__format__ (__printf__, 2,
0)));
/usr/include/stdio.h:extern void flockfile (FILE *__stream) __THROW;
/usr/include/stdio.h:extern int ftrylockfile (FILE *__stream) __THROW __wur;
/usr/include/stdio.h:extern void funlockfile (FILE *__stream) __THROW;
/usr/include/stdio.h:extern int __uflow (FILE *);
/usr/include/stdio.h:extern int __overflow (FILE *, int);
/usr/include/stdlib.h:  } div_t;
/usr/include/stdlib.h:  } ldiv_t;
/usr/include/stdlib.h:  } lldiv_t;
/usr/include/stdlib.h:extern size_t __ctype_get_mb_cur_max (void) __THROW __wur;
/usr/include/stdlib.h:     __THROW __attribute_pure__ __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __THROW __attribute_pure__ __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __THROW __attribute_pure__ __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __THROW __attribute_pure__ __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:               char **__restrict __endptr) __THROW
__nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:     __THROW __nonnull ((3));
/usr/include/stdlib.h:                    locale_t __loc) __THROW __nonnull ((1,
4));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 4));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 4));
```

```
/usr/include/stdlib.h:     __THROW __nonnull ((1, 4));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 3));
/usr/include/stdlib.h:  return (int) strtol (__nptr, (char **) NULL, 10);
/usr/include/stdlib.h:  return strtol (__nptr, (char **) NULL, 10);
/usr/include/stdlib.h:  return strtoll (__nptr, (char **) NULL, 10);
/usr/include/stdlib.h:extern char *l64a (long int __n) __THROW __wur;
/usr/include/stdlib.h:     __THROW __attribute_pure__ __nonnull ((1)) __wur;
/usr/include/stdlib.h:extern long int random (void) __THROW;
/usr/include/stdlib.h:extern void srandom (unsigned int __seed) __THROW;
/usr/include/stdlib.h:                   size_t __statelen) __THROW __nonnull
((2));
/usr/include/stdlib.h:extern char *setstate (char *__statebuf) __THROW __nonnull
((1));
/usr/include/stdlib.h:  };
/usr/include/stdlib.h:               int32_t *__restrict __result) __THROW
__nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((2));
/usr/include/stdlib.h:     __THROW __nonnull ((2, 4));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:extern int rand (void) __THROW;
/usr/include/stdlib.h:extern void srand (unsigned int __seed) __THROW;
/usr/include/stdlib.h:extern int rand_r (unsigned int *__seed) __THROW;
/usr/include/stdlib.h:extern double drand48 (void) __THROW;
/usr/include/stdlib.h:extern double erand48 (unsigned short int __xsubi[3])
__THROW __nonnull ((1));
/usr/include/stdlib.h:extern long int lrand48 (void) __THROW;
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:extern long int mrand48 (void) __THROW;
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:extern void srand48 (long int __seedval) __THROW;
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:extern void lcong48 (unsigned short int __param[7])
__THROW __nonnull ((1));
/usr/include/stdlib.h:  };
/usr/include/stdlib.h:                double *__restrict __result) __THROW
__nonnull ((1, 2));
/usr/include/stdlib.h:                double *__restrict __result) __THROW
__nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((2));
/usr/include/stdlib.h:               struct drand48_data *__buffer) __THROW
__nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2));
/usr/include/stdlib.h:     __THROW __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:     __THROW __wur;
/usr/include/stdlib.h:     __attribute_alloc_size__ ((1)) __wur;
/usr/include/stdlib.h:     __THROW __attribute_malloc__ __attribute_alloc_size__
((1, 2)) __wur;
/usr/include/stdlib.h:     __THROW __attribute_warn_unused_result__
__attribute_alloc_size__ ((2));
/usr/include/stdlib.h:extern void free (void *__ptr) __THROW;
```

```
/usr/include/stdlib.h:    __attr_dealloc_free;
/usr/include/stdlib.h:     __THROW __attr_dealloc (reallocarray, 1);
/usr/include/stdlib.h:     __attribute_alloc_size__ ((1)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __attribute_alloc_size__ ((2)) __wur;
/usr/include/stdlib.h:extern void abort (void) __THROW __attribute__
((__noreturn__));
/usr/include/stdlib.h:extern int atexit (void (*__func) (void)) __THROW
__nonnull ((1));
/usr/include/stdlib.h:     __THROW __asm ("at_quick_exit") __nonnull ((1));
/usr/include/stdlib.h:extern int at_quick_exit (void (*__func) (void)) __THROW
__nonnull ((1));
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:extern void exit (int __status) __THROW __attribute__
((__noreturn__));
/usr/include/stdlib.h:extern void quick_exit (int __status) __THROW
__attribute__ ((__noreturn__));
/usr/include/stdlib.h:extern void _Exit (int __status) __THROW __attribute__
((__noreturn__));
/usr/include/stdlib.h:extern char *getenv (const char *__name) __THROW __nonnull
((1)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((1)) __wur;
/usr/include/stdlib.h:extern int putenv (char *__string) __THROW __nonnull
((1));
/usr/include/stdlib.h:     __THROW __nonnull ((2));
/usr/include/stdlib.h:extern int unsetenv (const char *__name) __THROW __nonnull
((1));
/usr/include/stdlib.h:extern int clearenv (void) __THROW;
/usr/include/stdlib.h:   The last six characters of TEMPLATE must be "XXXXXX";
/usr/include/stdlib.h:extern char *mktemp (char *__template) __THROW __nonnull
((1));
/usr/include/stdlib.h:   The last six characters of TEMPLATE must be "XXXXXX";
/usr/include/stdlib.h:extern int mkstemp (char *__template) __nonnull ((1))
__wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:extern int mkstemp64 (char *__template) __nonnull ((1))
__wur;
/usr/include/stdlib.h:extern int mkstemps (char *__template, int __suffixlen)
__nonnull ((1)) __wur;
/usr/include/stdlib.h:                  mkstemps64) __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:   The last six characters of TEMPLATE must be "XXXXXX";
/usr/include/stdlib.h:extern char *mkdtemp (char *__template) __THROW __nonnull
((1)) __wur;
/usr/include/stdlib.h:extern int mkostemp (char *__template, int __flags)
__nonnull ((1)) __wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:extern int mkostemp64 (char *__template, int __flags)
__nonnull ((1)) __wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:     __nonnull ((1)) __wur;
/usr/include/stdlib.h:extern int system (const char *__command) __wur;
/usr/include/stdlib.h:     __attr_dealloc_free __wur;
/usr/include/stdlib.h:                  char *__restrict __resolved) __THROW
__wur;
/usr/include/stdlib.h:typedef int (*__compar_fn_t) (const void *, const void *);
/usr/include/stdlib.h:typedef __compar_fn_t comparison_fn_t;
/usr/include/stdlib.h:typedef int (*__compar_d_fn_t) (const void *, const void
*, void *);
/usr/include/stdlib.h:     __nonnull ((1, 2, 5)) __wur;
/usr/include/stdlib.h:             __compar_fn_t __compar) __nonnull ((1, 4));
/usr/include/stdlib.h:  __nonnull ((1, 4));
/usr/include/stdlib.h:extern int abs (int __x) __THROW __attribute__
```

```
((__const__)) __wur;
/usr/include/stdlib.h:extern long int labs (long int __x) __THROW __attribute__
((__const__)) __wur;
/usr/include/stdlib.h:     __THROW __attribute__ ((__const__)) __wur;
/usr/include/stdlib.h:     __THROW __attribute__ ((__const__)) __wur;
/usr/include/stdlib.h:     __THROW __attribute__ ((__const__)) __wur;
/usr/include/stdlib.h:     __THROW __attribute__ ((__const__)) __wur;
/usr/include/stdlib.h:             int *__restrict __sign) __THROW __nonnull
((3, 4)) __wur;
/usr/include/stdlib.h:             int *__restrict __sign) __THROW __nonnull
((3, 4)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((3)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((3, 4)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((3, 4)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((3)) __wur;
/usr/include/stdlib.h:             size_t __len) __THROW __nonnull ((3, 4, 5));
/usr/include/stdlib.h:             size_t __len) __THROW __nonnull ((3, 4, 5));
/usr/include/stdlib.h:     __THROW __nonnull ((3, 4, 5));
/usr/include/stdlib.h:     __THROW __nonnull ((3, 4, 5));
/usr/include/stdlib.h:extern int mblen (const char *__s, size_t __n) __THROW;
/usr/include/stdlib.h:             const char *__restrict __s, size_t __n)
__THROW;
/usr/include/stdlib.h:extern int wctomb (char *__s, wchar_t __wchar) __THROW;
/usr/include/stdlib.h:    __attr_access ((__read_only__, 2));
/usr/include/stdlib.h:  __attr_access ((__read_only__, 2));
/usr/include/stdlib.h:extern int rpmatch (const char *__response) __THROW
__nonnull ((1)) __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((1, 2, 3)) __wur;
/usr/include/stdlib.h:extern int posix_openpt (int __oflag) __wur;
/usr/include/stdlib.h:extern int grantpt (int __fd) __THROW;
/usr/include/stdlib.h:extern int unlockpt (int __fd) __THROW;
/usr/include/stdlib.h:extern char *ptsname (int __fd) __THROW __wur;
/usr/include/stdlib.h:     __THROW __nonnull ((2)) __fortified_attr_access
(__write_only__, 2, 3);
/usr/include/stdlib.h:extern int getpt (void);
/usr/include/stdlib.h:     __THROW __nonnull ((1));
/usr/include/stdlib.h:extern int ttyslot (void) __THROW;
/usr/include/string.h:               size_t __n) __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:    __THROW __nonnull ((1, 2)) __attr_access
((__write_only__, 1, 4));
/usr/include/string.h:extern void *memset (void *__s, int __c, size_t __n)
__THROW __nonnull ((1));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:      __THROW __asm ("memchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:      __THROW __asm ("memchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:  return __builtin_memchr (__s, __c, __n);
/usr/include/string.h:  return __builtin_memchr (__s, __c, __n);
/usr/include/string.h:      __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:     __THROW __asm ("rawmemchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:     __THROW __asm ("rawmemchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:      __attr_access ((__read_only__, 1, 3));
/usr/include/string.h:      __attr_access ((__read_only__, 1, 3));
/usr/include/string.h:      __attr_access ((__read_only__, 1, 3));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:               size_t __n) __THROW __nonnull ((1, 2));
```

```
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:    __THROW __nonnull ((2)) __attr_access
((__write_only__, 1, 3));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2, 3));
/usr/include/string.h:     __attr_access ((__write_only__, 1, 3));
/usr/include/string.h:     __THROW __attribute_malloc__ __nonnull ((1));
/usr/include/string.h:     __THROW __attribute_malloc__ __nonnull ((1));
/usr/include/string.h:     __THROW __asm ("strchr") __attribute_pure__ __nonnull
((1));
/usr/include/string.h:     __THROW __asm ("strchr") __attribute_pure__ __nonnull
((1));
/usr/include/string.h:  return __builtin_strchr (__s, __c);
/usr/include/string.h:  return __builtin_strchr (__s, __c);
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:     __THROW __asm ("strrchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:     __THROW __asm ("strrchr") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:  return __builtin_strrchr (__s, __c);
/usr/include/string.h:  return __builtin_strrchr (__s, __c);
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:     __THROW __asm ("strchrnul") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:     __THROW __asm ("strchrnul") __attribute_pure__
__nonnull ((1));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __asm ("strpbrk") __attribute_pure__
__nonnull ((1, 2));
/usr/include/string.h:     __THROW __asm ("strpbrk") __attribute_pure__
__nonnull ((1, 2));
/usr/include/string.h:  return __builtin_strpbrk (__s, __accept);
/usr/include/string.h:  return __builtin_strpbrk (__s, __accept);
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __asm ("strstr") __attribute_pure__ __nonnull
((1, 2));
/usr/include/string.h:     __THROW __asm ("strstr") __attribute_pure__ __nonnull
((1, 2));
/usr/include/string.h:  return __builtin_strstr (__haystack, __needle);
/usr/include/string.h:  return __builtin_strstr (__haystack, __needle);
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((2));
/usr/include/string.h:     __THROW __nonnull ((2, 3));
/usr/include/string.h:     __THROW __nonnull ((2, 3));
/usr/include/string.h:     __THROW __asm ("strcasestr") __attribute_pure__
__nonnull ((1, 2));
/usr/include/string.h:     __THROW __asm ("strcasestr") __attribute_pure__
__nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:   NEEDLE is NEEDLELEN bytes long;
/usr/include/string.h:    __attr_access ((__read_only__, 3, 4));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/string.h:extern char *strerror (int __errnum) __THROW;
/usr/include/string.h:    __attr_access ((__write_only__, 2, 3));
/usr/include/string.h:     __THROW __nonnull ((2)) __attr_access
((__write_only__, 2, 3));
/usr/include/string.h:     __THROW __nonnull ((2)) __wur  __attr_access
((__write_only__, 2, 3));
```

```
/usr/include/string.h:extern const char *strerrordesc_np (int __err) __THROW;
/usr/include/string.h:extern const char *strerrorname_np (int __err) __THROW;
/usr/include/string.h:extern char *strerror_l (int __errnum, locale_t __l)
__THROW;
/usr/include/string.h:    __fortified_attr_access (__write_only__, 1, 2);
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:extern char *strsignal (int __sig) __THROW;
/usr/include/string.h:extern const char *sigabbrev_np (int __sig) __THROW;
/usr/include/string.h:extern const char *sigdescr_np (int __sig) __THROW;
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __nonnull ((1, 2));
/usr/include/string.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/string.h:extern char *strfry (char *__string) __THROW __nonnull
((1));
/usr/include/string.h:    __attr_access ((__read_write__, 1, 2));
/usr/include/string.h:     __THROW __asm ("basename") __nonnull ((1));
/usr/include/string.h:     __THROW __asm ("basename") __nonnull ((1));
/usr/include/string.h:extern char *basename (const char *__filename) __THROW
__nonnull ((1));
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/strings.h:  __THROW __nonnull ((1, 2));
/usr/include/strings.h:extern void bzero (void *__s, size_t __n) __THROW
__nonnull ((1));
/usr/include/strings.h:     __THROW __asm ("index") __attribute_pure__ __nonnull
((1));
/usr/include/strings.h:     __THROW __asm ("index") __attribute_pure__ __nonnull
((1));
/usr/include/strings.h:  return __builtin_index (__s, __c);
/usr/include/strings.h:  return __builtin_index (__s, __c);
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/strings.h:     __THROW __asm ("rindex") __attribute_pure__
__nonnull ((1));
/usr/include/strings.h:     __THROW __asm ("rindex") __attribute_pure__
__nonnull ((1));
/usr/include/strings.h:  return __builtin_rindex (__s, __c);
/usr/include/strings.h:  return __builtin_rindex (__s, __c);
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1));
/usr/include/strings.h:extern int ffs (int __i) __THROW __attribute_const__;
/usr/include/strings.h:extern int ffsl (long int __l) __THROW
__attribute_const__;
/usr/include/strings.h:     __THROW __attribute_const__;
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1, 2, 3));
/usr/include/strings.h:     __THROW __attribute_pure__ __nonnull ((1, 2, 4));
/usr/include/sudo_plugin.h:    int msg_type;
/usr/include/sudo_plugin.h:    int timeout;
/usr/include/sudo_plugin.h:    const char *msg;
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:    char *reply;
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:typedef int (*sudo_conv_callback_fn_t)(int signo,
void *closure);
/usr/include/sudo_plugin.h:    unsigned int version;
/usr/include/sudo_plugin.h:    void *closure;
/usr/include/sudo_plugin.h:    sudo_conv_callback_fn_t on_suspend;
/usr/include/sudo_plugin.h:    sudo_conv_callback_fn_t on_resume;
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:     struct sudo_conv_reply replies[], struct
sudo_conv_callback *callback);
/usr/include/sudo_plugin.h:typedef int (*sudo_printf_t)(int msg_type, const char
*fmt, ...);
```

```
/usr/include/sudo_plugin.h:typedef int (*sudo_hook_fn_t)();
/usr/include/sudo_plugin.h:typedef int (*sudo_hook_fn_setenv_t)(const char
*name, const char *value, int overwrite, void *closure);
/usr/include/sudo_plugin.h:typedef int (*sudo_hook_fn_putenv_t)(char *string,
void *closure);
/usr/include/sudo_plugin.h:typedef int (*sudo_hook_fn_getenv_t)(const char
*name, char **value, void *closure);
/usr/include/sudo_plugin.h:typedef int (*sudo_hook_fn_unsetenv_t)(const char
*name, void *closure);
/usr/include/sudo_plugin.h:    unsigned int hook_version;
/usr/include/sudo_plugin.h:    unsigned int hook_type;
/usr/include/sudo_plugin.h:    sudo_hook_fn_t hook_fn;
/usr/include/sudo_plugin.h:    void *closure;
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:typedef void (*sudo_plugin_ev_callback_t)(int fd, int
what, void *closure);
/usr/include/sudo_plugin.h:struct timespec;
/usr/include/sudo_plugin.h:    int (*set)(struct sudo_plugin_event *pev, int fd,
int events, sudo_plugin_ev_callback_t callback, void *closure);
/usr/include/sudo_plugin.h:    int (*add)(struct sudo_plugin_event *pev, struct
timespec *timeout);
/usr/include/sudo_plugin.h:    int (*del)(struct sudo_plugin_event *pev);
/usr/include/sudo_plugin.h:    int (*pending)(struct sudo_plugin_event *pev, int
events, struct timespec *ts);
/usr/include/sudo_plugin.h:    int (*fd)(struct sudo_plugin_event *pev);
/usr/include/sudo_plugin.h:    void (*setbase)(struct sudo_plugin_event *pev,
void *base);
/usr/include/sudo_plugin.h:    void (*loopbreak)(struct sudo_plugin_event *pev);
/usr/include/sudo_plugin.h:    void (*free)(struct sudo_plugin_event *pev);
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:struct passwd;
/usr/include/sudo_plugin.h:     char * const plugin_options[], const char
**errstr);
/usr/include/sudo_plugin.h:    int (*show_version)(int verbose);
/usr/include/sudo_plugin.h:     char **argv_out[], char **user_env_out[], const
char **errstr);
/usr/include/sudo_plugin.h:     const char *user, const char **errstr);
/usr/include/sudo_plugin.h:    int (*validate)(const char **errstr);
/usr/include/sudo_plugin.h:    void (*invalidate)(int rmcred);
/usr/include/sudo_plugin.h:     const char **errstr);
/usr/include/sudo_plugin.h:    void (*register_hooks)(int version, int
(*register_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:    void (*deregister_hooks)(int version, int
(*deregister_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:    struct sudo_plugin_event * (*event_alloc)(void);
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:     char * const plugin_options[], const char
**errstr);
/usr/include/sudo_plugin.h:    int (*show_version)(int verbose);
/usr/include/sudo_plugin.h:    int (*log_ttyin)(const char *buf, unsigned int
len, const char **errstr);
/usr/include/sudo_plugin.h:    int (*log_ttyout)(const char *buf, unsigned int
len, const char **errstr);
/usr/include/sudo_plugin.h:    int (*log_stdin)(const char *buf, unsigned int
len, const char **errstr);
/usr/include/sudo_plugin.h:    int (*log_stdout)(const char *buf, unsigned int
len, const char **errstr);
/usr/include/sudo_plugin.h:    int (*log_stderr)(const char *buf, unsigned int
len, const char **errstr);
/usr/include/sudo_plugin.h:     int (*register_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:     int (*deregister_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:     const char **errstr);
/usr/include/sudo_plugin.h:    int (*log_suspend)(int signo, const char
**errstr);
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/usr/include/sudo_plugin.h:    struct sudo_plugin_event * (*event_alloc)(void);
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:     char * const plugin_options[], const char
**errstr);
/usr/include/sudo_plugin.h:    void (*close)(int status_type, int status);
/usr/include/sudo_plugin.h:     char * const run_envp[], const char **errstr);
/usr/include/sudo_plugin.h:     const char **errstr);
/usr/include/sudo_plugin.h:     const char **errstr);
/usr/include/sudo_plugin.h:    int (*show_version)(int verbose);
/usr/include/sudo_plugin.h:    void (*register_hooks)(int version, int
(*register_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:    void (*deregister_hooks)(int version, int
(*deregister_hook)(struct sudo_hook *hook));
/usr/include/sudo_plugin.h:    struct sudo_plugin_event * (*event_alloc)(void);
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:     char * const plugin_options[], const char
**errstr);
/usr/include/sudo_plugin.h:    void (*close)(void);
/usr/include/sudo_plugin.h:     char * const run_envp[], const char **errstr);
/usr/include/sudo_plugin.h:    int (*show_version)(int verbose);
/usr/include/sudo_plugin.h:};
/usr/include/sudo_plugin.h:    unsigned int version;
/usr/include/sudo_plugin.h:     char *const argv[]);
/usr/include/sudo_plugin.h:    void (*cleanup)(void);
/usr/include/sudo_plugin.h:    int (*query)(const char *user, const char *group,
const struct passwd *pwd);
/usr/include/sudo_plugin.h:};
/usr/include/tar.h:   linkname is only valid when typeflag==LNKTYPE.  It doesn't
use prefix;
/usr/include/tar.h:   If the first character of prefix is '\0', the file name is
name;
/usr/include/termcap.h:extern NCURSES_EXPORT_VAR(char) PC;
/usr/include/termcap.h:extern NCURSES_EXPORT_VAR(char *) UP;
/usr/include/termcap.h:extern NCURSES_EXPORT_VAR(char *) BC;
/usr/include/termcap.h:extern NCURSES_EXPORT_VAR(NCURSES_OSPEED) ospeed;
/usr/include/termcap.h:extern NCURSES_EXPORT(char *) tgetstr (const char *, char
**);
/usr/include/termcap.h:extern NCURSES_EXPORT(char *) tgoto (const char *, int,
int);
/usr/include/termcap.h:extern NCURSES_EXPORT(int) tgetent (char *, const char
*);
/usr/include/termcap.h:extern NCURSES_EXPORT(int) tgetflag (const char *);
/usr/include/termcap.h:extern NCURSES_EXPORT(int) tgetnum (const char *);
/usr/include/termcap.h:extern NCURSES_EXPORT(int) tputs (const char *, int, int
(*)(int));
/usr/include/term_entry.h:} DBDIRS;
/usr/include/term_entry.h:typedef struct entry ENTRY;
/usr/include/term_entry.h:      char *name;
/usr/include/term_entry.h:      ENTRY *link;
/usr/include/term_entry.h:      long line;
/usr/include/term_entry.h:} ENTRY_USES;
/usr/include/term_entry.h:      TERMTYPE2 tterm;
/usr/include/term_entry.h:      unsigned nuses;
/usr/include/term_entry.h:      ENTRY_USES uses[MAX_USES];
/usr/include/term_entry.h:      int ncrosslinks;
/usr/include/term_entry.h:      ENTRY *crosslinks[MAX_CROSSLINKS];
/usr/include/term_entry.h:      long cstart;
/usr/include/term_entry.h:      long cend;
/usr/include/term_entry.h:      long startline;
/usr/include/term_entry.h:      ENTRY *next;
/usr/include/term_entry.h:      ENTRY *last;
/usr/include/term_entry.h:};
/usr/include/term_entry.h:extern NCURSES_EXPORT_VAR(ENTRY *) _nc_head;
/usr/include/term_entry.h:extern NCURSES_EXPORT_VAR(ENTRY *) _nc_tail;
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/usr/include/term_entry.h:extern NCURSES_EXPORT(ENTRY *) _nc_copy_entry (ENTRY
*oldp);
/usr/include/term_entry.h:extern NCURSES_EXPORT(char *) _nc_save_str (const char
*const);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_init_entry (ENTRY
*const);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_merge_entry (ENTRY
*const, ENTRY *const);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_wrap_entry (ENTRY
*const, bool);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_align_termtype
(TERMTYPE2 *, TERMTYPE2 *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_free_termtype1
(TERMTYPE *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_free_termtype2
(TERMTYPE2 *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(char *) _nc_trim_sgr0 (TERMTYPE2
*);
/usr/include/term_entry.h:extern NCURSES_EXPORT_VAR(bool) _nc_user_definable;
/usr/include/term_entry.h:extern NCURSES_EXPORT_VAR(bool) _nc_disable_period;
/usr/include/term_entry.h:extern NCURSES_EXPORT(int) _nc_parse_entry (ENTRY *,
int, bool);
/usr/include/term_entry.h:extern NCURSES_EXPORT(int) _nc_capcmp (const char *,
const char *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_set_writedir (const
char *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_write_entry (TERMTYPE2
*const);
/usr/include/term_entry.h:extern NCURSES_EXPORT(int) _nc_write_object (TERMTYPE2
*, char *, unsigned *, unsigned);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_read_entry_source
(FILE*, char*, int, bool, bool (*)(ENTRY*))
/usr/include/term_entry.h:extern NCURSES_EXPORT(bool) _nc_entry_match (char *,
char *);
/usr/include/term_entry.h:extern NCURSES_EXPORT(int) _nc_resolve_uses2 (bool,
bool);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_free_entries (ENTRY
*);
/usr/include/term_entry.h:extern NCURSES_IMPEXP void (NCURSES_API
*_nc_check_termtype2)(TERMTYPE2 *, bool);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_trace_xnames (TERMTYPE
*);
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_copy_termtype
(TERMTYPE *, const TERMTYPE *) NCURSES_TACK_1_0
/usr/include/term_entry.h:extern NCURSES_EXPORT(void) _nc_free_termtype
(TERMTYPE *) NCURSES_TACK_1_08;
/usr/include/term.h:typedef struct screen  SCREEN;
/usr/include/term.h:typedef int (*NCURSES_SP_OUTC)(SCREEN*, int);
/usr/include/term.h:} TERMTYPE;
/usr/include/term.h:TERMINAL;
/usr/include/term.h:} TERMTYPE2;
/usr/include/term.h:} TERMINAL;
/usr/include/term.h:extern NCURSES_EXPORT_VAR(TERMINAL *) cur_term;
/usr/include/term.h:NCURSES_WRAPPED_VAR(TERMINAL *, cur_term);
/usr/include/term.h:extern NCURSES_EXPORT_VAR(TERMINAL *) cur_term;
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *,
boolnames);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *,
boolcodes);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *,
boolfnames);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *, numnames);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *, numcodes);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *,
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numfnames);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *, strnames);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *, strcodes);
/usr/include/term.h:NCURSES_WRAPPED_VAR(NCURSES_CONST char * const *,
strfnames);
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
boolnames[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
boolcodes[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
boolfnames[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
numnames[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
numcodes[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
numfnames[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
strnames[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
strcodes[];
/usr/include/term.h:extern NCURSES_EXPORT_VAR(NCURSES_CONST char * const )
strfnames[];
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_set_tty_mode (TTY *buf);
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_read_entry2 (const char *
const, char * const, TERMTYPE2 *const);
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_read_file_entry (const char
*const, TERMTYPE2 *);
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_read_termtype (TERMTYPE2 *,
char *, int);
/usr/include/term.h:extern NCURSES_EXPORT(char *) _nc_first_name (const char
*const);
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_name_match (const char
*const, const char *const, const char *const)
/usr/include/term.h:extern NCURSES_EXPORT(char *) _nc_tiparm(int, const char
*, ...);
/usr/include/term.h:extern NCURSES_EXPORT(const TERMTYPE *) _nc_fallback (const
char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) _nc_read_entry (const char *
const, char * const, TERMTYPE *const);
/usr/include/term.h:extern NCURSES_EXPORT(TERMINAL *) set_curterm (TERMINAL *);
/usr/include/term.h:extern NCURSES_EXPORT(int) del_curterm (TERMINAL *);
/usr/include/term.h:extern NCURSES_EXPORT(int) restartterm (NCURSES_CONST char
*, int, int *);
/usr/include/term.h:extern NCURSES_EXPORT(int) setupterm (const char *,int,int
*);
/usr/include/term.h:extern NCURSES_EXPORT(char *) tigetstr (const char *);
/usr/include/term.h:extern NCURSES_EXPORT_VAR(char) ttytype[];
/usr/include/term.h:extern NCURSES_EXPORT(int) putp (const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) tigetflag (const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) tigetnum (const char *);
/usr/include/term.h:extern NCURSES_EXPORT(char *) tgetstr (const char *, char
**);
/usr/include/term.h:extern NCURSES_EXPORT(char *) tgoto (const char *, int,
int);
/usr/include/term.h:extern NCURSES_EXPORT(int) tgetent (char *, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) tgetflag (const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) tgetnum (const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int) tputs (const char *, int, int (*)
(int));
/usr/include/term.h:extern NCURSES_EXPORT(char *)  NCURSES_SP_NAME(tigetstr)
(SCREEN*, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(putp)
(SCREEN*, const char *);
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/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tigetflag)
(SCREEN*, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tigetnum)
(SCREEN*, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(char *)  NCURSES_SP_NAME(tgetstr)
(SCREEN*, const char *, char **);
/usr/include/term.h:extern NCURSES_EXPORT(char *)  NCURSES_SP_NAME(tgoto)
(SCREEN*, const char *, int, int);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tgetent)
(SCREEN*, char *, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tgetflag)
(SCREEN*, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tgetnum)
(SCREEN*, const char *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(tputs)
(SCREEN*, const char *, int, NCURSES_SP_OUTC)
/usr/include/term.h:extern NCURSES_EXPORT(TERMINAL *)
NCURSES_SP_NAME(set_curterm) (SCREEN*, TERMINAL *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(del_curterm)
(SCREEN*, TERMINAL *);
/usr/include/term.h:extern NCURSES_EXPORT(int)     NCURSES_SP_NAME(restartterm)
(SCREEN*, NCURSES_CONST char *, int, int *);
/usr/include/term.h:extern GCC_NORETURN NCURSES_EXPORT(void)
exit_terminfo(int);
/usr/include/termios.h:typedef __pid_t pid_t;
/usr/include/termios.h:extern speed_t cfgetospeed (const struct termios
*__termios_p) __THROW;
/usr/include/termios.h:extern speed_t cfgetispeed (const struct termios
*__termios_p) __THROW;
/usr/include/termios.h:extern int cfsetospeed (struct termios *__termios_p,
speed_t __speed) __THROW;
/usr/include/termios.h:extern int cfsetispeed (struct termios *__termios_p,
speed_t __speed) __THROW;
/usr/include/termios.h:extern int cfsetspeed (struct termios *__termios_p,
speed_t __speed) __THROW;
/usr/include/termios.h:extern int tcgetattr (int __fd, struct termios
*__termios_p) __THROW;
/usr/include/termios.h:                const struct termios *__termios_p)
__THROW;
/usr/include/termios.h:extern void cfmakeraw (struct termios *__termios_p)
__THROW;
/usr/include/termios.h:extern int tcsendbreak (int __fd, int __duration)
__THROW;
/usr/include/termios.h:extern int tcdrain (int __fd);
/usr/include/termios.h:extern int tcflush (int __fd, int __queue_selector)
__THROW;
/usr/include/termios.h:extern int tcflow (int __fd, int __action) __THROW;
/usr/include/termios.h:extern __pid_t tcgetsid (int __fd) __THROW;
/usr/include/thread_db.h:} td_err_e;
/usr/include/thread_db.h:} td_thr_state_e;
/usr/include/thread_db.h:} td_thr_type_e;
/usr/include/thread_db.h:typedef struct td_thragent td_thragent_t;
/usr/include/thread_db.h:  td_thragent_t *th_ta_p;
/usr/include/thread_db.h:  psaddr_t th_unique;
/usr/include/thread_db.h:} td_thrhandle_t;
/usr/include/thread_db.h:struct link_map;
/usr/include/thread_db.h:  uint32_t event_bits[TD_EVENTSIZE];
/usr/include/thread_db.h:} td_thr_events_t;
/usr/include/thread_db.h:} td_event_e;
/usr/include/thread_db.h:} td_notify_e;
/usr/include/thread_db.h:  } u;
/usr/include/thread_db.h:} td_notify_t;
/usr/include/thread_db.h:  } msg;
/usr/include/thread_db.h:} td_event_msg_t;
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/usr/include/thread_db.h:} td_eventbuf_t;
/usr/include/thread_db.h:} td_ta_stats_t;
/usr/include/thread_db.h:typedef pthread_t thread_t;
/usr/include/thread_db.h:typedef pthread_key_t thread_key_t;
/usr/include/thread_db.h:typedef int td_thr_iter_f (const td_thrhandle_t *, void
*);
/usr/include/thread_db.h:typedef int td_key_iter_f (thread_key_t, void (*) (void
*), void *);
/usr/include/thread_db.h:struct ps_prochandle;
/usr/include/thread_db.h:} td_thrinfo_t;
/usr/include/thread_db.h:extern td_err_e td_init (void);
/usr/include/thread_db.h:extern td_err_e td_log (void);
/usr/include/thread_db.h:extern const char **td_symbol_list (void);
/usr/include/thread_db.h:extern td_err_e td_ta_new (struct ps_prochandle *__ps,
td_thragent_t **__ta);
/usr/include/thread_db.h:extern td_err_e td_ta_delete (td_thragent_t *__ta);
/usr/include/thread_db.h:extern td_err_e td_ta_get_nthreads (const td_thragent_t
*__ta, int *__np);
/usr/include/thread_db.h:                               struct ps_prochandle
**__ph);
/usr/include/thread_db.h:                                   td_thrhandle_t *__th);
/usr/include/thread_db.h:                                    td_thrhandle_t
*__th);
/usr/include/thread_db.h:                                 unsigned int
__ti_user_flags);
/usr/include/thread_db.h:                                 void *__p);
/usr/include/thread_db.h:                                   td_event_e __event,
td_notify_t *__ptr);
/usr/include/thread_db.h:                                  td_thr_events_t
*__event);
/usr/include/thread_db.h:                                    td_thr_events_t
*__event);
/usr/include/thread_db.h:                                     td_event_msg_t
*__msg);
/usr/include/thread_db.h:extern td_err_e td_ta_setconcurrency (const
td_thragent_t *__ta, int __level);
/usr/include/thread_db.h:extern td_err_e td_ta_enable_stats (const td_thragent_t
*__ta, int __enable);
/usr/include/thread_db.h:extern td_err_e td_ta_reset_stats (const td_thragent_t
*__ta);
/usr/include/thread_db.h:                                  td_ta_stats_t
*__statsp);
/usr/include/thread_db.h:extern td_err_e td_thr_validate (const td_thrhandle_t
*__th);
/usr/include/thread_db.h:                                  td_thrinfo_t *__infop);
/usr/include/thread_db.h:                                   prfpregset_t
*__regset);
/usr/include/thread_db.h:                                  prgregset_t __gregs);
/usr/include/thread_db.h:extern td_err_e td_thr_getxregs (const td_thrhandle_t
*__th, void *__xregs);
/usr/include/thread_db.h:extern td_err_e td_thr_getxregsize (const
td_thrhandle_t *__th, int *__sizep);
/usr/include/thread_db.h:                                   const prfpregset_t
*__fpregs);
/usr/include/thread_db.h:                                  prgregset_t __gregs);
/usr/include/thread_db.h:                                  const void *__addr);
/usr/include/thread_db.h:                                 psaddr_t *__base);
/usr/include/thread_db.h:                                      psaddr_t
*__address);
/usr/include/thread_db.h:extern td_err_e td_thr_event_enable (const
td_thrhandle_t *__th, int __event);
/usr/include/thread_db.h:                                   td_thr_events_t
*__event);
/usr/include/thread_db.h:                                     td_thr_events_t
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*__event);
/usr/include/thread_db.h:                                       td_event_msg_t
*__msg);
/usr/include/thread_db.h:extern td_err_e td_thr_setprio (const td_thrhandle_t
*__th, int __prio);
/usr/include/thread_db.h:                                        unsigned char __n,
const sigset_t *__ss);
/usr/include/thread_db.h:                                     const sigset_t
*__ss);
/usr/include/thread_db.h:                               const thread_key_t __tk,
void **__data);
/usr/include/thread_db.h:extern td_err_e td_thr_dbsuspend (const td_thrhandle_t
*__th);
/usr/include/thread_db.h:extern td_err_e td_thr_dbresume (const td_thrhandle_t
*__th);
/usr/include/threads.h:typedef __tss_t tss_t;
/usr/include/threads.h:typedef void (*tss_dtor_t) (void*);
/usr/include/threads.h:typedef __thrd_t thrd_t;
/usr/include/threads.h:typedef int (*thrd_start_t) (void*);
/usr/include/threads.h:};
/usr/include/threads.h:};
/usr/include/threads.h:typedef __once_flag once_flag;
/usr/include/threads.h:  char __size[__SIZEOF_PTHREAD_MUTEX_T];
/usr/include/threads.h:  long int __align __LOCK_ALIGNMENT;
/usr/include/threads.h:} mtx_t;
/usr/include/threads.h:  char __size[__SIZEOF_PTHREAD_COND_T];
/usr/include/threads.h:  __extension__ long long int __align __LOCK_ALIGNMENT;
/usr/include/threads.h:} cnd_t;
/usr/include/threads.h:extern int thrd_create (thrd_t *__thr, thrd_start_t
__func, void *__arg);
/usr/include/threads.h:extern int thrd_equal (thrd_t __lhs, thrd_t __rhs);
/usr/include/threads.h:extern thrd_t thrd_current (void);
/usr/include/threads.h:                struct timespec *__remaining);
/usr/include/threads.h:                        __thrd_sleep64);
/usr/include/threads.h:extern void thrd_exit (int __res) __attribute__
((__noreturn__));
/usr/include/threads.h:extern int thrd_detach (thrd_t __thr);
/usr/include/threads.h:extern int thrd_join (thrd_t __thr, int *__res);
/usr/include/threads.h:extern void thrd_yield (void);
/usr/include/threads.h:  return __thread1 == __thread2;
/usr/include/threads.h:extern int mtx_init (mtx_t *__mutex, int __type);
/usr/include/threads.h:extern int mtx_lock (mtx_t *__mutex);
/usr/include/threads.h:                   const struct timespec *__restrict
__time_point);
/usr/include/threads.h:                         __mtx_timedlock64);
/usr/include/threads.h:extern int mtx_trylock (mtx_t *__mutex);
/usr/include/threads.h:extern int mtx_unlock (mtx_t *__mutex);
/usr/include/threads.h:extern void mtx_destroy (mtx_t *__mutex);
/usr/include/threads.h:extern void call_once (once_flag *__flag, void (*__func)
(void));
/usr/include/threads.h:extern int cnd_init (cnd_t *__cond);
/usr/include/threads.h:extern int cnd_signal (cnd_t *__cond);
/usr/include/threads.h:extern int cnd_broadcast (cnd_t *__cond);
/usr/include/threads.h:extern int cnd_wait (cnd_t *__cond, mtx_t *__mutex);
/usr/include/threads.h:                   const struct timespec *__restrict
__time_point);
/usr/include/threads.h:                         __cnd_timedwait64);
/usr/include/threads.h:extern void cnd_destroy (cnd_t *__COND);
/usr/include/threads.h:extern int tss_create (tss_t *__tss_id, tss_dtor_t
__destructor);
/usr/include/threads.h:extern void *tss_get (tss_t __tss_id);
/usr/include/threads.h:extern int tss_set (tss_t __tss_id, void *__val);
/usr/include/threads.h:extern void tss_delete (tss_t __tss_id);
/usr/include/tic.h:};
```

```
/usr/include/tic.h:     unsigned offset;
/usr/include/tic.h:     chtype code;
/usr/include/tic.h:     };
/usr/include/tic.h:typedef short HashValue;
/usr/include/tic.h:};
/usr/include/tic.h:     unsigned table_size;
/usr/include/tic.h:     const HashValue *table_data;
/usr/include/tic.h:     HashValue (*hash_of)(const char *);
/usr/include/tic.h:     int (*compare_names)(const char *, const char *);
/usr/include/tic.h:} HashData;
/usr/include/tic.h:     const char      *from;
/usr/include/tic.h:     const char      *to;
/usr/include/tic.h:     const char      *source;
/usr/include/tic.h:};
/usr/include/tic.h:};
/usr/include/tic.h:extern NCURSES_EXPORT(unsigned) _nc_pathlast (const char *);
/usr/include/tic.h:extern NCURSES_EXPORT(bool) _nc_is_abs_path (const char *);
/usr/include/tic.h:extern NCURSES_EXPORT(bool) _nc_is_dir_path (const char *);
/usr/include/tic.h:extern NCURSES_EXPORT(bool) _nc_is_file_path (const char *);
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_basename (char *);
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_rootname (char *);
/usr/include/tic.h:extern NCURSES_EXPORT(const struct name_table_entry *)
_nc_get_table (bool);
/usr/include/tic.h:extern NCURSES_EXPORT(const HashData *) _nc_get_hash_info
(bool);
/usr/include/tic.h:extern NCURSES_EXPORT(const struct alias *)
_nc_get_alias_table (bool);
/usr/include/tic.h:     (const char *, int, bool);
/usr/include/tic.h:     (const char *);
/usr/include/tic.h:extern NCURSES_EXPORT(int)  _nc_get_token (bool);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_panic_mode (char);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_push_token (int);
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(int) _nc_curr_col;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(int) _nc_curr_line;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(int) _nc_syntax;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(int) _nc_strict_bsd;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(long) _nc_comment_end;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(long) _nc_comment_start;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(long) _nc_curr_file_pos;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(long) _nc_start_line;
/usr/include/tic.h:extern NCURSES_EXPORT(const char *) _nc_get_source (void);
/usr/include/tic.h:extern GCC_NORETURN NCURSES_EXPORT(void) _nc_err_abort (const
char *const,...) GCC_PRINTFLIKE(1,2);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_get_type (char *name);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_set_source (const char
*const);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_set_type (const char *const);
/usr/include/tic.h:extern GCC_NORETURN NCURSES_EXPORT(void) _nc_syserr_abort
(const char *const,...) GCC_PRINTFLIKE(1,2
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_warning (const char
*const,...) GCC_PRINTFLIKE(1,2);
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(bool) _nc_suppress_warnings;
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(struct token)      _nc_curr_token;
/usr/include/tic.h:NCURSES_EXPORT(const struct user_table_entry *)
_nc_get_userdefs_table (void);
/usr/include/tic.h:NCURSES_EXPORT(const HashData *) _nc_get_hash_user (void);
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_captoinfo (const char *,
const char *, int const);
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_infotocap (const char *,
const char *, int const);
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_home_terminfo (void);
/usr/include/tic.h:extern NCURSES_EXPORT(const struct tinfo_fkeys *)
_nc_tinfo_fkeysf (void);
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(const struct tinfo_fkeys)
```

```
_nc_tinfo_fkeys[];
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(int) _nc_tparm_err;
/usr/include/tic.h:extern NCURSES_EXPORT(int) _nc_tparm_analyze(TERMINAL *,
const char *, char **, int *);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_reset_tparm(TERMINAL *);
/usr/include/tic.h:extern NCURSES_EXPORT_VAR(unsigned) _nc_tracing;
/usr/include/tic.h:extern NCURSES_EXPORT(const char *) _nc_visbuf (const char
*);
/usr/include/tic.h:extern NCURSES_EXPORT(const char *) _nc_visbuf2 (int, const
char *);
/usr/include/tic.h:extern const char * _nc_progname;
/usr/include/tic.h:extern NCURSES_EXPORT(const char *) _nc_next_db(DBDIRS *, int
*);
/usr/include/tic.h:extern NCURSES_EXPORT(const char *) _nc_tic_dir (const char
*);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_first_db(DBDIRS *, int *);
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_last_db(void);
/usr/include/tic.h:extern NCURSES_EXPORT(int) _nc_tic_written (void);
/usr/include/tic.h:     (const char *, const HashValue *) NCURSES_TACK_1_08;
/usr/include/tic.h:extern NCURSES_EXPORT(const HashValue *) _nc_get_hash_table
(bool) NCURSES_TACK_1_08;
/usr/include/tic.h:extern NCURSES_EXPORT(void) _nc_reset_input (FILE *, char *)
NCURSES_TACK_1_08;
/usr/include/tic.h:extern NCURSES_EXPORT(char *) _nc_tic_expand (const char *,
bool, int) NCURSES_TACK_1_08;
/usr/include/tic.h:extern NCURSES_EXPORT(int) _nc_trans_string (char *, char *)
NCURSES_TACK_1_08;
/usr/include/time.h:struct sigevent;
/usr/include/time.h:typedef __pid_t pid_t;
/usr/include/time.h:extern clock_t clock (void) __THROW;
/usr/include/time.h:extern time_t time (time_t *__timer) __THROW;
/usr/include/time.h:     __THROW __attribute__ ((__const__));
/usr/include/time.h:extern time_t mktime (struct tm *__tp) __THROW;
/usr/include/time.h:extern time_t __REDIRECT_NTH (time, (time_t *__timer),
__time64);
/usr/include/time.h:                                __difftime64) __attribute__
((__const__));
/usr/include/time.h:extern time_t __REDIRECT_NTH (mktime, (struct tm *__tp),
__mktime64);
/usr/include/time.h:                    const struct tm *__restrict __tp)
__THROW;
/usr/include/time.h:     __THROW;
/usr/include/time.h:                      locale_t __loc) __THROW;
/usr/include/time.h:                     locale_t __loc) __THROW;
/usr/include/time.h:extern struct tm *gmtime (const time_t *__timer) __THROW;
/usr/include/time.h:extern struct tm *localtime (const time_t *__timer) __THROW;
/usr/include/time.h:extern struct tm*__REDIRECT_NTH (gmtime, (const time_t
*__timer), __gmtime64);
/usr/include/time.h:                                __localtime64);
/usr/include/time.h:                          struct tm *__restrict __tp) __THROW;
/usr/include/time.h:                             struct tm *__restrict __tp)
__THROW;
/usr/include/time.h:                                   __gmtime64_r);
/usr/include/time.h:                                   __localtime64_r);
/usr/include/time.h:extern char *asctime (const struct tm *__tp) __THROW;
/usr/include/time.h:extern char *ctime (const time_t *__timer) __THROW;
/usr/include/time.h:extern char *__REDIRECT_NTH (ctime, (const time_t *__timer),
__ctime64);
/usr/include/time.h:                    char *__restrict __buf) __THROW;
/usr/include/time.h:                  char *__restrict __buf) __THROW;
/usr/include/time.h:                                        char *__restrict
__buf), __ctime64_r);
/usr/include/time.h:extern char *tzname[2];
/usr/include/time.h:extern void tzset (void) __THROW;
```

```
/usr/include/time.h:extern int daylight;
/usr/include/time.h:extern long int timezone;
/usr/include/time.h:extern time_t timegm (struct tm *__tp) __THROW;
/usr/include/time.h:extern time_t __REDIRECT_NTH (timegm, (struct tm *__tp),
__timegm64);
/usr/include/time.h:extern time_t timelocal (struct tm *__tp) __THROW;
/usr/include/time.h:extern time_t __REDIRECT_NTH (timelocal, (struct tm *__tp),
__mktime64);
/usr/include/time.h:extern int dysize (int __year) __THROW  __attribute__
((__const__));
/usr/include/time.h:                   struct timespec *__remaining);
/usr/include/time.h:extern int clock_getres (clockid_t __clock_id, struct
timespec *__res) __THROW;
/usr/include/time.h:     __THROW __nonnull((2));
/usr/include/time.h:     __THROW __nonnull((2));
/usr/include/time.h:                         __nanosleep64);
/usr/include/time.h:                             __clock_getres64);
/usr/include/time.h:                             __nonnull((2));
/usr/include/time.h:                             __nonnull((2));
/usr/include/time.h:                          struct timespec *__rem);
/usr/include/time.h:                         __clock_nanosleep_time64);
/usr/include/time.h:extern int clock_getcpuclockid (pid_t __pid, clockid_t
*__clock_id) __THROW;
/usr/include/time.h:                        timer_t *__restrict __timerid) __THROW;
/usr/include/time.h:extern int timer_delete (timer_t __timerid) __THROW;
/usr/include/time.h:                         struct itimerspec *__restrict
__ovalue) __THROW;
/usr/include/time.h:     __THROW;
/usr/include/time.h:                              __timer_settime64);
/usr/include/time.h:                              __timer_gettime64);
/usr/include/time.h:extern int timer_getoverrun (timer_t __timerid) __THROW;
/usr/include/time.h:     __THROW __nonnull ((1));
/usr/include/time.h:                              __timespec_get64) __nonnull
((1));
/usr/include/time.h:     __THROW;
/usr/include/time.h:                              __timespec_getres64);
/usr/include/time.h:extern int getdate_err;
/usr/include/time.h:extern struct tm *getdate (const char *__string);
/usr/include/time.h:                    struct tm *__restrict __resbufp);
/usr/include/ttyent.h:};
/usr/include/ttyent.h:extern struct ttyent *getttyent (void) __THROW;
/usr/include/ttyent.h:extern struct ttyent *getttynam (const char *__tty)
__THROW;
/usr/include/ttyent.h:extern int setttyent (void) __THROW;
/usr/include/ttyent.h:extern int endttyent (void) __THROW;
/usr/include/uchar.h:typedef unsigned char char8_t;
/usr/include/uchar.h:typedef __uint_least16_t char16_t;
/usr/include/uchar.h:typedef __uint_least32_t char32_t;
/usr/include/uchar.h:                    mbstate_t *__restrict __p) __THROW;
/usr/include/uchar.h:                    mbstate_t *__restrict __ps) __THROW;
/usr/include/uchar.h:                    mbstate_t *__restrict __p) __THROW;
/usr/include/uchar.h:                    mbstate_t *__restrict __ps) __THROW;
/usr/include/uchar.h:                    mbstate_t *__restrict __p) __THROW;
/usr/include/uchar.h:                    mbstate_t *__restrict __ps) __THROW;
/usr/include/ucontext.h:extern int getcontext (ucontext_t *__ucp) __THROWNL;
/usr/include/ucontext.h:extern int setcontext (const ucontext_t *__ucp)
__THROWNL;
/usr/include/ucontext.h:  __THROWNL __INDIRECT_RETURN;
/usr/include/ucontext.h:                             int __argc, ...) __THROW;
/usr/include/ulimit.h:};
/usr/include/ulimit.h:extern long int ulimit (int __cmd, ...) __THROW;
/usr/include/unctrl.h:NCURSES_EXPORT(NCURSES_CONST char *) unctrl (chtype);
/usr/include/unctrl.h:NCURSES_EXPORT(NCURSES_CONST char *)
NCURSES_SP_NAME(unctrl) (SCREEN*, chtype);
```

```
/usr/include/unistd.h:typedef __ssize_t ssize_t;
/usr/include/unistd.h:typedef __gid_t gid_t;
/usr/include/unistd.h:typedef __uid_t uid_t;
/usr/include/unistd.h:typedef __off_t off_t;
/usr/include/unistd.h:typedef __off64_t off_t;
/usr/include/unistd.h:typedef __off64_t off64_t;
/usr/include/unistd.h:typedef __useconds_t useconds_t;
/usr/include/unistd.h:typedef __pid_t pid_t;
/usr/include/unistd.h:typedef __intptr_t intptr_t;
/usr/include/unistd.h:typedef __socklen_t socklen_t;
/usr/include/unistd.h:extern int access (const char *__name, int __type) __THROW
__nonnull ((1));
/usr/include/unistd.h:     __THROW __nonnull ((1));
/usr/include/unistd.h:     __THROW __nonnull ((1));
/usr/include/unistd.h:    __THROW __nonnull ((2, 3));
/usr/include/unistd.h:     __THROW __nonnull ((2)) __wur;
/usr/include/unistd.h:extern __off_t lseek (int __fd, __off_t __offset, int
__whence) __THROW;
/usr/include/unistd.h:                              lseek64);
/usr/include/unistd.h:     __THROW;
/usr/include/unistd.h:extern int close (int __fd);
/usr/include/unistd.h:extern void closefrom (int __lowfd) __THROW;
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:    __attr_access ((__read_only__, 2, 3));
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:    __attr_access ((__read_only__, 2, 3));
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:    __attr_access ((__read_only__, 2, 3));
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:    __attr_access ((__read_only__, 2, 3));
/usr/include/unistd.h:   If successful, two file descriptors are stored in
PIPEDES;
/usr/include/unistd.h:extern int pipe (int __pipedes[2]) __THROW __wur;
/usr/include/unistd.h:extern int pipe2 (int __pipedes[2], int __flags) __THROW
__wur;
/usr/include/unistd.h:extern unsigned int alarm (unsigned int __seconds)
__THROW;
/usr/include/unistd.h:extern unsigned int sleep (unsigned int __seconds);
/usr/include/unistd.h:     __THROW;
/usr/include/unistd.h:extern int usleep (__useconds_t __useconds);
/usr/include/unistd.h:extern int pause (void);
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur;
/usr/include/unistd.h:extern int fchown (int __fd, __uid_t __owner, __gid_t
__group) __THROW __wur;
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur;
/usr/include/unistd.h:     __THROW __nonnull ((2)) __wur;
/usr/include/unistd.h:extern int chdir (const char *__path) __THROW __nonnull
((1)) __wur;
/usr/include/unistd.h:extern int fchdir (int __fd) __THROW __wur;
/usr/include/unistd.h:extern char *getcwd (char *__buf, size_t __size) __THROW
__wur;
/usr/include/unistd.h:extern char *get_current_dir_name (void) __THROW;
/usr/include/unistd.h:    __attr_access ((__write_only__, 1));
/usr/include/unistd.h:extern int dup (int __fd) __THROW __wur;
/usr/include/unistd.h:extern int dup2 (int __fd, int __fd2) __THROW;
/usr/include/unistd.h:extern int dup3 (int __fd, int __fd2, int __flags)
__THROW;
/usr/include/unistd.h:extern char **__environ;
/usr/include/unistd.h:extern char **environ;
/usr/include/unistd.h:             char *const __envp[]) __THROW __nonnull ((1,
2));
/usr/include/unistd.h:     __THROW __nonnull ((2));
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
```

```
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:extern int nice (int __inc) __THROW __wur;
/usr/include/unistd.h:extern void _exit (int __status) __attribute__
((__noreturn__));
/usr/include/unistd.h:/* Get the `_PC_*' symbols for the NAME argument to
`pathconf' and `fpathconf';
/usr/include/unistd.h:   the `_SC_*' symbols for the NAME argument to `sysconf';
/usr/include/unistd.h:     __THROW __nonnull ((1));
/usr/include/unistd.h:extern long int fpathconf (int __fd, int __name) __THROW;
/usr/include/unistd.h:extern long int sysconf (int __name) __THROW;
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:extern __pid_t getpid (void) __THROW;
/usr/include/unistd.h:extern __pid_t getppid (void) __THROW;
/usr/include/unistd.h:extern __pid_t getpgrp (void) __THROW;
/usr/include/unistd.h:extern __pid_t __getpgid (__pid_t __pid) __THROW;
/usr/include/unistd.h:extern __pid_t getpgid (__pid_t __pid) __THROW;
/usr/include/unistd.h:extern int setpgid (__pid_t __pid, __pid_t __pgid)
__THROW;
/usr/include/unistd.h:extern int setpgrp (void) __THROW;
/usr/include/unistd.h:extern __pid_t setsid (void) __THROW;
/usr/include/unistd.h:extern __pid_t getsid (__pid_t __pid) __THROW;
/usr/include/unistd.h:extern __uid_t getuid (void) __THROW;
/usr/include/unistd.h:extern __uid_t geteuid (void) __THROW;
/usr/include/unistd.h:extern __gid_t getgid (void) __THROW;
/usr/include/unistd.h:extern __gid_t getegid (void) __THROW;
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 2, 1);
/usr/include/unistd.h:extern int group_member (__gid_t __gid) __THROW;
/usr/include/unistd.h:   and effective user IDs, and the saved set-user-ID to
UID;
/usr/include/unistd.h:extern int setuid (__uid_t __uid) __THROW __wur;
/usr/include/unistd.h:extern int setreuid (__uid_t __ruid, __uid_t __euid)
__THROW __wur;
/usr/include/unistd.h:extern int seteuid (__uid_t __uid) __THROW __wur;
/usr/include/unistd.h:   and effective group IDs, and the saved set-group-ID to
GID;
/usr/include/unistd.h:extern int setgid (__gid_t __gid) __THROW __wur;
/usr/include/unistd.h:extern int setregid (__gid_t __rgid, __gid_t __egid)
__THROW __wur;
/usr/include/unistd.h:extern int setegid (__gid_t __gid) __THROW __wur;
/usr/include/unistd.h:     __THROW;
/usr/include/unistd.h:     __THROW;
/usr/include/unistd.h:     __THROW __wur;
/usr/include/unistd.h:     __THROW __wur;
/usr/include/unistd.h:extern __pid_t fork (void) __THROWNL;
/usr/include/unistd.h:extern __pid_t vfork (void) __THROW;
/usr/include/unistd.h:extern __pid_t _Fork (void) __THROW;
/usr/include/unistd.h:extern char *ttyname (int __fd) __THROW;
/usr/include/unistd.h:     __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:extern int isatty (int __fd) __THROW;
/usr/include/unistd.h:extern int ttyslot (void) __THROW;
/usr/include/unistd.h:     __THROW __nonnull ((1, 2)) __wur;
/usr/include/unistd.h:     __THROW __nonnull ((2, 4)) __wur;
/usr/include/unistd.h:     __THROW __nonnull ((1, 2)) __wur;
/usr/include/unistd.h:     __fortified_attr_access (__write_only__, 2, 3);
/usr/include/unistd.h:                 const char *__to) __THROW __nonnull ((1,
3)) __wur;
/usr/include/unistd.h:     __fortified_attr_access (__write_only__, 3, 4);
/usr/include/unistd.h:extern int unlink (const char *__name) __THROW __nonnull
((1));
/usr/include/unistd.h:     __THROW __nonnull ((2));
/usr/include/unistd.h:extern int rmdir (const char *__path) __THROW __nonnull
```

```
((1));
/usr/include/unistd.h:extern __pid_t tcgetpgrp (int __fd) __THROW;
/usr/include/unistd.h:extern int tcsetpgrp (int __fd, __pid_t __pgrp_id)
__THROW;
/usr/include/unistd.h:extern char *getlogin (void);
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 1, 2);
/usr/include/unistd.h:extern int setlogin (const char *__name) __THROW __nonnull
((1));
/usr/include/unistd.h:    __fortified_attr_access (__write_only__, 1, 2);
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur __attr_access
((__read_only__, 1, 2));
/usr/include/unistd.h:extern int sethostid (long int __id) __THROW __wur;
/usr/include/unistd.h:     __fortified_attr_access (__write_only__, 1, 2);
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur __attr_access
((__read_only__, 1, 2));
/usr/include/unistd.h:extern int vhangup (void) __THROW;
/usr/include/unistd.h:extern int revoke (const char *__file) __THROW __nonnull
((1)) __wur;
/usr/include/unistd.h:     __THROW __nonnull ((1));
/usr/include/unistd.h:extern int acct (const char *__name) __THROW;
/usr/include/unistd.h:extern char *getusershell (void) __THROW;
/usr/include/unistd.h:extern int daemon (int __nochdir, int __noclose) __THROW
__wur;
/usr/include/unistd.h:extern int chroot (const char *__path) __THROW __nonnull
((1)) __wur;
/usr/include/unistd.h:extern char *getpass (const char *__prompt) __nonnull
((1));
/usr/include/unistd.h:extern int fsync (int __fd);
/usr/include/unistd.h:extern int syncfs (int __fd) __THROW;
/usr/include/unistd.h:extern long int gethostid (void);
/usr/include/unistd.h:extern void sync (void) __THROW;
/usr/include/unistd.h:extern int getpagesize (void)  __THROW __attribute__
((__const__));
/usr/include/unistd.h:extern int getdtablesize (void) __THROW;
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur;
/usr/include/unistd.h:                       truncate64) __nonnull ((1)) __wur;
/usr/include/unistd.h:     __THROW __nonnull ((1)) __wur;
/usr/include/unistd.h:extern int ftruncate (int __fd, __off_t __length) __THROW
__wur;
/usr/include/unistd.h:                       ftruncate64) __wur;
/usr/include/unistd.h:extern int ftruncate64 (int __fd, __off64_t __length)
__THROW __wur;
/usr/include/unistd.h:extern int brk (void *__addr) __THROW __wur;
/usr/include/unistd.h:   (i.e. the beginning of the new space, if DELTA > 0);
/usr/include/unistd.h:extern void *sbrk (intptr_t __delta) __THROW;
/usr/include/unistd.h:extern long int syscall (long int __sysno, ...) __THROW;
/usr/include/unistd.h:extern int lockf (int __fd, int __cmd, __off_t __len)
__wur;
/usr/include/unistd.h:                   lockf64) __wur;
/usr/include/unistd.h:extern int lockf64 (int __fd, int __cmd, __off64_t __len)
__wur;
/usr/include/unistd.h:                     size_t __length, unsigned int __flags);
/usr/include/unistd.h:extern int fdatasync (int __fildes);
/usr/include/unistd.h:     __THROW __nonnull ((1, 2));
/usr/include/unistd.h:    __attr_access ((__write_only__, 2, 3));
/usr/include/unistd.h:extern char *ctermid (char *__s) __THROW;
/usr/include/unistd.h:extern char *cuserid (char *__s);
/usr/include/unistd.h:                       void (*__child) (void)) __THROW;
/usr/include/unistd.h:    __attr_access ((__write_only__, 1, 2));
/usr/include/unistd.h:                     int __flags) __THROW;
/usr/include/utime.h:  };
/usr/include/utime.h:     __THROW __nonnull ((1));
/usr/include/utime.h:                               __utime64);
/usr/include/utmp.h:/* Make FD be the controlling terminal, stdin, stdout, and
```

```
stderr;
/usr/include/utmp.h:extern int login_tty (int __fd) __THROW;
/usr/include/utmp.h:extern void login (const struct utmp *__entry) __THROW;
/usr/include/utmp.h:extern int logout (const char *__ut_line) __THROW;
/usr/include/utmp.h:                  const char *__ut_host) __THROW;
/usr/include/utmp.h:     __THROW;
/usr/include/utmp.h:extern int utmpname (const char *__file) __THROW;
/usr/include/utmp.h:extern struct utmp *getutent (void) __THROW;
/usr/include/utmp.h:extern void setutent (void) __THROW;
/usr/include/utmp.h:extern void endutent (void) __THROW;
/usr/include/utmp.h:extern struct utmp *getutid (const struct utmp *__id)
__THROW;
/usr/include/utmp.h:extern struct utmp *getutline (const struct utmp *__line)
__THROW;
/usr/include/utmp.h:extern struct utmp *pututline (const struct utmp
*__utmp_ptr) __THROW;
/usr/include/utmp.h:extern int getutent_r (struct utmp *__buffer, struct utmp
**__result) __THROW;
/usr/include/utmp.h:                   struct utmp **__result) __THROW;
/usr/include/utmp.h:                     struct utmp *__buffer, struct utmp
**__result) __THROW;
/usr/include/utmpx.h:typedef __pid_t pid_t;
/usr/include/utmpx.h:struct utmp;
/usr/include/utmpx.h:extern void setutxent (void);
/usr/include/utmpx.h:extern void endutxent (void);
/usr/include/utmpx.h:extern struct utmpx *getutxent (void);
/usr/include/utmpx.h:extern struct utmpx *getutxid (const struct utmpx *__id);
/usr/include/utmpx.h:extern struct utmpx *getutxline (const struct utmpx
*__line);
/usr/include/utmpx.h:extern struct utmpx *pututxline (const struct utmpx
*__utmpx);
/usr/include/utmpx.h:extern int utmpxname (const char *__file);
/usr/include/utmpx.h:                  const struct utmpx *__utmpx);
/usr/include/utmpx.h:                 struct utmp *__utmp);
/usr/include/utmpx.h:extern void getutmpx (const struct utmp *__utmp, struct
utmpx *__utmpx);
/usr/include/wchar.h:struct tm;
/usr/include/wchar.h:     __THROW __nonnull ((1, 2));
/usr/include/wchar.h:     __THROW __nonnull ((1, 2));
/usr/include/wchar.h:     __THROW __nonnull ((1, 2));
/usr/include/wchar.h:     __THROW __nonnull ((1, 2));
/usr/include/wchar.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/wchar.h:     __THROW __attribute_pure__ __nonnull ((1, 2));
/usr/include/wchar.h:extern int wcscasecmp (const wchar_t *__s1, const wchar_t
*__s2) __THROW;
/usr/include/wchar.h:                    size_t __n) __THROW;
/usr/include/wchar.h:                     locale_t __loc) __THROW;
/usr/include/wchar.h:                      size_t __n, locale_t __loc) __THROW;
/usr/include/wchar.h:extern int wcscoll (const wchar_t *__s1, const wchar_t
*__s2) __THROW;
/usr/include/wchar.h:                   const wchar_t *__restrict __s2, size_t
__n) __THROW;
/usr/include/wchar.h:                  locale_t __loc) __THROW;
/usr/include/wchar.h:                     size_t __n, locale_t __loc) __THROW;
/usr/include/wchar.h:  __attribute_malloc__ __attr_dealloc_free;
/usr/include/wchar.h:     __THROW __asm ("wcschr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcschr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcsrchr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcsrchr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
```

```
/usr/include/wchar.h:     __THROW __asm ("wcspbrk") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcspbrk") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcsstr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcsstr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:                     wchar_t **__restrict __ptr) __THROW;
/usr/include/wchar.h:extern size_t wcslen (const wchar_t *__s) __THROW
__attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcswcs") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wcswcs") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wmemchr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __asm ("wmemchr") __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:     __THROW __attribute_pure__;
/usr/include/wchar.h:                      const wchar_t *__restrict __s2, size_t
__n) __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:extern wchar_t *wmemset (wchar_t *__s, wchar_t __c, size_t
__n) __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:extern wint_t btowc (int __c) __THROW;
/usr/include/wchar.h:extern int wctob (wint_t __c) __THROW;
/usr/include/wchar.h:extern int mbsinit (const mbstate_t *__ps) __THROW
__attribute_pure__;
/usr/include/wchar.h:                    mbstate_t *__restrict __p) __THROW;
/usr/include/wchar.h:                    mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:                     mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:                   mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:extern wint_t __btowc_alias (int __c) __asm ("btowc");
/usr/include/wchar.h:extern int __wctob_alias (wint_t __c) __asm ("wctob");
/usr/include/wchar.h:                      mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:                      mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:                       size_t __len, mbstate_t *__restrict
__ps) __THROW;
/usr/include/wchar.h:                       mbstate_t *__restrict __ps) __THROW;
/usr/include/wchar.h:extern int wcwidth (wchar_t __c) __THROW;
/usr/include/wchar.h:extern int wcswidth (const wchar_t *__s, size_t __n)
__THROW;
/usr/include/wchar.h:                   wchar_t **__restrict __endptr) __THROW;
/usr/include/wchar.h:                  wchar_t **__restrict __endptr) __THROW;
/usr/include/wchar.h:                         wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                       wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                       wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                       wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                         wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                         wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                         wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                           wchar_t **__restrict __endptr)
__THROW;
/usr/include/wchar.h:                      wchar_t **__restrict __endptr, int
__base) __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:                                      int __base) __THROW;
```

```
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:                                     int __base) __THROW;
/usr/include/wchar.h:                         locale_t __loc) __THROW;
/usr/include/wchar.h:                                   int __base, locale_t __loc)
__THROW;
/usr/include/wchar.h:                               int __base, locale_t __loc)
__THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:                               locale_t __loc) __THROW;
/usr/include/wchar.h:                             locale_t __loc) __THROW;
/usr/include/wchar.h:                             locale_t __loc) __THROW;
/usr/include/wchar.h:                             locale_t __loc) __THROW;
/usr/include/wchar.h:                               locale_t __loc) __THROW;
/usr/include/wchar.h:                               locale_t __loc) __THROW;
/usr/include/wchar.h:                               locale_t __loc) __THROW;
/usr/include/wchar.h:                                 locale_t __loc) __THROW;
/usr/include/wchar.h:                       const wchar_t *__restrict __src)
__THROW;
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:  __attribute_malloc__ __attr_dealloc_fclose;
/usr/include/wchar.h:extern int fwide (__FILE *__fp, int __mode) __THROW;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wprintf__, 2, 3)))
*/;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wprintf__, 1, 2)))
*/;
/usr/include/wchar.h:     __THROW /* __attribute__ ((__format__ (__wprintf__, 3,
4))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wprintf__, 2, 0)))
*/;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wprintf__, 1, 0)))
*/;
/usr/include/wchar.h:     __THROW /* __attribute__ ((__format__ (__wprintf__, 3,
0))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 3))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 1, 2))) */;
/usr/include/wchar.h:     __THROW /* __attribute__ ((__format__ (__wscanf__, 2,
3))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 3))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 1, 2))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 3))) */;
/usr/include/wchar.h:                         const wchar_t *__restrict __format,
...);
/usr/include/wchar.h:extern int __isoc99_wscanf (const wchar_t *__restrict
__format, ...);
/usr/include/wchar.h:     __THROW;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 0))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 1, 0))) */;
/usr/include/wchar.h:     __THROW /* __attribute__ ((__format__ (__wscanf__, 2,
0))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 0))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 1, 0))) */;
/usr/include/wchar.h:     /* __attribute__ ((__format__ (__wscanf__, 2, 0))) */;
/usr/include/wchar.h:                           __gnuc_va_list __arg);
/usr/include/wchar.h:                         __gnuc_va_list __arg);
/usr/include/wchar.h:                           __gnuc_va_list __arg) __THROW;
/usr/include/wchar.h:extern wint_t fgetwc (__FILE *__stream);
/usr/include/wchar.h:extern wint_t getwc (__FILE *__stream);
/usr/include/wchar.h:extern wint_t getwchar (void);
/usr/include/wchar.h:extern wint_t fputwc (wchar_t __wc, __FILE *__stream);
/usr/include/wchar.h:extern wint_t putwc (wchar_t __wc, __FILE *__stream);
/usr/include/wchar.h:extern wint_t putwchar (wchar_t __wc);
/usr/include/wchar.h:                     __FILE *__restrict __stream);
```

```
/usr/include/wchar.h:                __FILE *__restrict __stream);
/usr/include/wchar.h:extern wint_t ungetwc (wint_t __wc, __FILE *__stream);
/usr/include/wchar.h:extern wint_t getwc_unlocked (__FILE *__stream);
/usr/include/wchar.h:extern wint_t getwchar_unlocked (void);
/usr/include/wchar.h:extern wint_t fgetwc_unlocked (__FILE *__stream);
/usr/include/wchar.h:extern wint_t fputwc_unlocked (wchar_t __wc, __FILE
*__stream);
/usr/include/wchar.h:extern wint_t putwc_unlocked (wchar_t __wc, __FILE
*__stream);
/usr/include/wchar.h:extern wint_t putwchar_unlocked (wchar_t __wc);
/usr/include/wchar.h:                                __FILE *__restrict __stream);
/usr/include/wchar.h:                           __FILE *__restrict __stream);
/usr/include/wchar.h:                     const struct tm *__restrict __tp)
__THROW;
/usr/include/wchar.h:                       locale_t __loc) __THROW;
/usr/include/wctype.h:typedef const __int32_t *wctrans_t;
/usr/include/wctype.h:extern wctrans_t wctrans (const char *__property) __THROW;
/usr/include/wctype.h:extern wint_t towctrans (wint_t __wc, wctrans_t __desc)
__THROW;
/usr/include/wctype.h:extern int iswalnum_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswalpha_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswcntrl_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswdigit_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswgraph_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswlower_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswprint_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswpunct_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswspace_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswupper_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswxdigit_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern int iswblank_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:     __THROW;
/usr/include/wctype.h:     __THROW;
/usr/include/wctype.h:extern wint_t towlower_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:extern wint_t towupper_l (wint_t __wc, locale_t __locale)
__THROW;
/usr/include/wctype.h:     __THROW;
/usr/include/wctype.h:                       locale_t __locale) __THROW;
/usr/include/wordexp.h:  };
/usr/include/wordexp.h:  } wordexp_t;
/usr/include/wordexp.h:  };
/usr/include/wordexp.h:             wordexp_t *__restrict __pwordexp, int
__flags);
/usr/include/wordexp.h:extern void wordfree (wordexp_t *__wordexp) __THROW;
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_is_value(Z3_context c,
Z3_ast a);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_is_pos(Z3_context c,
Z3_ast a);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_is_neg(Z3_context c,
Z3_ast a);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_is_zero(Z3_context c,
```

```
Z3_ast a);
/usr/include/z3_algebraic.h:    int Z3_API Z3_algebraic_sign(Z3_context c,
Z3_ast a);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_add(Z3_context c,
Z3_ast a, Z3_ast b);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_sub(Z3_context c,
Z3_ast a, Z3_ast b);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_mul(Z3_context c,
Z3_ast a, Z3_ast b);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_div(Z3_context c,
Z3_ast a, Z3_ast b);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_root(Z3_context c,
Z3_ast a, unsigned k);
/usr/include/z3_algebraic.h:    Z3_ast Z3_API Z3_algebraic_power(Z3_context c,
Z3_ast a, unsigned k);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_lt(Z3_context c, Z3_ast
a, Z3_ast b);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_gt(Z3_context c, Z3_ast
a, Z3_ast b);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_le(Z3_context c, Z3_ast
a, Z3_ast b);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_ge(Z3_context c, Z3_ast
a, Z3_ast b);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_eq(Z3_context c, Z3_ast
a, Z3_ast b);
/usr/include/z3_algebraic.h:    bool Z3_API Z3_algebraic_neq(Z3_context c,
Z3_ast a, Z3_ast b);
/usr/include/z3_algebraic.h:    Z3_ast_vector Z3_API
Z3_algebraic_roots(Z3_context c, Z3_ast p, unsigned n, Z3_ast a[])
/usr/include/z3_algebraic.h:    int Z3_API Z3_algebraic_eval(Z3_context c,
Z3_ast p, unsigned n, Z3_ast a[]);
/usr/include/z3_algebraic.h:    Z3_ast_vector Z3_API
Z3_algebraic_get_poly(Z3_context c, Z3_ast a);
/usr/include/z3_algebraic.h:    unsigned Z3_API Z3_algebraic_get_i(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_symbol);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_literals);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_config);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_context);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_sort);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_func_decl);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_ast);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_app);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_pattern);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_model);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_constructor);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_constructor_list);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_params);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_param_descrs);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_goal);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_tactic);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_probe);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_stats);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_solver);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_solver_callback);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_ast_vector);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_ast_map);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_apply_result);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_func_interp);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_func_entry);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_fixedpoint);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_optimize);
/usr/include/z3_api.h:DEFINE_TYPE(Z3_rcf_num);
/usr/include/z3_api.h:typedef bool Z3_bool;
```

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/usr/include/z3_api.h:typedef const char * Z3_string;
/usr/include/z3_api.h:typedef char const*  Z3_char_ptr;
/usr/include/z3_api.h:typedef Z3_string * Z3_string_ptr;
/usr/include/z3_api.h:} Z3_lbool;
/usr/include/z3_api.h:} Z3_symbol_kind;
/usr/include/z3_api.h:} Z3_parameter_kind;
/usr/include/z3_api.h:} Z3_sort_kind;
/usr/include/z3_api.h:} Z3_ast_kind;
/usr/include/z3_api.h:} Z3_decl_kind;
/usr/include/z3_api.h:} Z3_param_kind;
/usr/include/z3_api.h:} Z3_ast_print_mode;
/usr/include/z3_api.h:} Z3_error_code;
/usr/include/z3_api.h:typedef void Z3_error_handler(Z3_context c, Z3_error_code
e);
/usr/include/z3_api.h:typedef void Z3_push_eh(void* ctx);
/usr/include/z3_api.h:typedef void Z3_pop_eh(void* ctx, unsigned num_scopes);
/usr/include/z3_api.h:typedef void* Z3_fresh_eh(void* ctx, Z3_context
new_context);
/usr/include/z3_api.h:typedef void Z3_fixed_eh(void* ctx, Z3_solver_callback cb,
unsigned id, Z3_ast value);
/usr/include/z3_api.h:typedef void Z3_eq_eh(void* ctx, Z3_solver_callback cb,
unsigned x, unsigned y);
/usr/include/z3_api.h:typedef void Z3_final_eh(void* ctx, Z3_solver_callback
cb);
/usr/include/z3_api.h:} Z3_goal_prec;
/usr/include/z3_api.h:    void Z3_API Z3_global_param_set(Z3_string param_id,
Z3_string param_value);
/usr/include/z3_api.h:    void Z3_API Z3_global_param_reset_all(void);
/usr/include/z3_api.h:    Z3_bool_opt Z3_API Z3_global_param_get(Z3_string
param_id, Z3_string_ptr param_value);
/usr/include/z3_api.h:    Z3_config Z3_API Z3_mk_config(void);
/usr/include/z3_api.h:    void Z3_API Z3_del_config(Z3_config c);
/usr/include/z3_api.h:    void Z3_API Z3_set_param_value(Z3_config c, Z3_string
param_id, Z3_string param_value);
/usr/include/z3_api.h:    Z3_context Z3_API Z3_mk_context(Z3_config c);
/usr/include/z3_api.h:    Z3_context Z3_API Z3_mk_context_rc(Z3_config c);
/usr/include/z3_api.h:    void Z3_API Z3_del_context(Z3_context c);
/usr/include/z3_api.h:    void Z3_API Z3_inc_ref(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    void Z3_API Z3_dec_ref(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    void Z3_API Z3_update_param_value(Z3_context c,
Z3_string param_id, Z3_string param_value);
/usr/include/z3_api.h:    void Z3_API Z3_interrupt(Z3_context c);
/usr/include/z3_api.h:    Z3_params Z3_API Z3_mk_params(Z3_context c);
/usr/include/z3_api.h:    void Z3_API Z3_params_inc_ref(Z3_context c, Z3_params
p);
/usr/include/z3_api.h:    void Z3_API Z3_params_dec_ref(Z3_context c, Z3_params
p);
/usr/include/z3_api.h:    void Z3_API Z3_params_set_bool(Z3_context c, Z3_params
p, Z3_symbol k, bool v);
/usr/include/z3_api.h:    void Z3_API Z3_params_set_uint(Z3_context c, Z3_params
p, Z3_symbol k, unsigned v);
/usr/include/z3_api.h:    void Z3_API Z3_params_set_double(Z3_context c,
Z3_params p, Z3_symbol k, double v);
/usr/include/z3_api.h:    void Z3_API Z3_params_set_symbol(Z3_context c,
Z3_params p, Z3_symbol k, Z3_symbol v);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_params_to_string(Z3_context c,
Z3_params p);
/usr/include/z3_api.h:    void Z3_API Z3_params_validate(Z3_context c, Z3_params
p, Z3_param_descrs d);
/usr/include/z3_api.h:    void Z3_API Z3_param_descrs_inc_ref(Z3_context c,
Z3_param_descrs p);
/usr/include/z3_api.h:    void Z3_API Z3_param_descrs_dec_ref(Z3_context c,
Z3_param_descrs p);
/usr/include/z3_api.h:    Z3_param_kind Z3_API
```

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Z3_param_descrs_get_kind(Z3_context c, Z3_param_descrs p, Z3_symbol n);
/usr/include/z3_api.h:    unsigned Z3_API Z3_param_descrs_size(Z3_context c,
Z3_param_descrs p);
/usr/include/z3_api.h:    Z3_symbol Z3_API Z3_param_descrs_get_name(Z3_context
c, Z3_param_descrs p, unsigned i);
/usr/include/z3_api.h:    Z3_string Z3_API
Z3_param_descrs_get_documentation(Z3_context c, Z3_param_descrs p, Z3_symbol s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_param_descrs_to_string(Z3_context
c, Z3_param_descrs p);
/usr/include/z3_api.h:    Z3_symbol Z3_API Z3_mk_int_symbol(Z3_context c, int
i);
/usr/include/z3_api.h:    Z3_symbol Z3_API Z3_mk_string_symbol(Z3_context c,
Z3_string s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_uninterpreted_sort(Z3_context c,
Z3_symbol s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_bool_sort(Z3_context c);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_int_sort(Z3_context c);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_real_sort(Z3_context c);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_bv_sort(Z3_context c, unsigned
sz);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_finite_domain_sort(Z3_context c,
Z3_symbol name, uint64_t size);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_array_sort(Z3_context c, Z3_sort
domain, Z3_sort range);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_array_sort_n(Z3_context c,
unsigned n, Z3_sort const * domain, Z3_sort range);
/usr/include/z3_api.h:                                          Z3_func_decl
proj_decl[]);
/usr/include/z3_api.h:                                            Z3_func_decl
enum_testers[]);
/usr/include/z3_api.h:                                       );
/usr/include/z3_api.h:                                                 );
/usr/include/z3_api.h:    void Z3_API Z3_del_constructor(Z3_context c,
Z3_constructor constr);
/usr/include/z3_api.h:                                     Z3_constructor
constructors[]);
/usr/include/z3_api.h:
Z3_constructor const constructors[]);
/usr/include/z3_api.h:    void Z3_API Z3_del_constructor_list(Z3_context c,
Z3_constructor_list clist);
/usr/include/z3_api.h:                                  Z3_constructor_list
constructor_lists[]);
/usr/include/z3_api.h:                                       Z3_func_decl
accessors[]);
/usr/include/z3_api.h:                                          Z3_sort range);
/usr/include/z3_api.h:        Z3_ast const args[]);
/usr/include/z3_api.h:       Z3_func_decl d = Z3_mk_func_decl(c, s, 0, 0, ty);
/usr/include/z3_api.h:       Z3_ast n            = Z3_mk_app(c, d, 0, 0);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_const(Z3_context c, Z3_symbol s,
Z3_sort ty);
/usr/include/z3_api.h:                                                      Z3_sort
range);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_fresh_const(Z3_context c,
Z3_string prefix, Z3_sort ty);
/usr/include/z3_api.h:                                          Z3_sort range);
/usr/include/z3_api.h:    void Z3_API Z3_add_rec_def(Z3_context c, Z3_func_decl
f, unsigned n, Z3_ast args[], Z3_ast body);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_true(Z3_context c);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_false(Z3_context c);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_eq(Z3_context c, Z3_ast l, Z3_ast
r);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_distinct(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_not(Z3_context c, Z3_ast a);
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/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_ite(Z3_context c, Z3_ast t1,
Z3_ast t2, Z3_ast t3);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_iff(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_implies(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_xor(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_and(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_or(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_add(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_mul(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_sub(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_unary_minus(Z3_context c, Z3_ast
arg);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_div(Z3_context c, Z3_ast arg1,
Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_mod(Z3_context c, Z3_ast arg1,
Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_rem(Z3_context c, Z3_ast arg1,
Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_power(Z3_context c, Z3_ast arg1,
Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_lt(Z3_context c, Z3_ast t1, Z3_ast
t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_le(Z3_context c, Z3_ast t1, Z3_ast
t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_gt(Z3_context c, Z3_ast t1, Z3_ast
t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_ge(Z3_context c, Z3_ast t1, Z3_ast
t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_divides(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_int2real(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_real2int(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_is_int(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvnot(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvredand(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvredor(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvand(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvor(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvxor(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvnand(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvnor(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvxnor(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvneg(Z3_context c, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvadd(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsub(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvmul(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvudiv(Z3_context c, Z3_ast t1,
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Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsdiv(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvurem(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsrem(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsmod(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvult(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvslt(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvule(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsle(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvuge(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsge(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvugt(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsgt(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_concat(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_extract(Z3_context c, unsigned
high, unsigned low, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_sign_ext(Z3_context c, unsigned i,
Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_zero_ext(Z3_context c, unsigned i,
Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_repeat(Z3_context c, unsigned i,
Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvshl(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvlshr(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvashr(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_rotate_left(Z3_context c, unsigned
i, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_rotate_right(Z3_context c,
unsigned i, Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_ext_rotate_left(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_ext_rotate_right(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_int2bv(Z3_context c, unsigned n,
Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bv2int(Z3_context c,Z3_ast t1,
bool is_signed);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvadd_no_overflow(Z3_context c,
Z3_ast t1, Z3_ast t2, bool is_signed);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvadd_no_underflow(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsub_no_overflow(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsub_no_underflow(Z3_context c,
Z3_ast t1, Z3_ast t2, bool is_signed);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvsdiv_no_overflow(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvneg_no_overflow(Z3_context c,
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Z3_ast t1);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvmul_no_overflow(Z3_context c,
Z3_ast t1, Z3_ast t2, bool is_signed);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bvmul_no_underflow(Z3_context c,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_select(Z3_context c, Z3_ast a,
Z3_ast i);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_select_n(Z3_context c, Z3_ast a,
unsigned n, Z3_ast const* idxs);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_store(Z3_context c, Z3_ast a,
Z3_ast i, Z3_ast v);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_store_n(Z3_context c, Z3_ast a,
unsigned n, Z3_ast const* idxs, Z3_ast v)
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_const_array(Z3_context c, Z3_sort
domain, Z3_ast v);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_map(Z3_context c, Z3_func_decl f,
unsigned n, Z3_ast const* args);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_array_default(Z3_context c, Z3_ast
array);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_as_array(Z3_context c,
Z3_func_decl f);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_has_size(Z3_context c, Z3_ast
set, Z3_ast k);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_set_sort(Z3_context c, Z3_sort
ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_empty_set(Z3_context c, Z3_sort
domain);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_full_set(Z3_context c, Z3_sort
domain);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_add(Z3_context c, Z3_ast set,
Z3_ast elem);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_del(Z3_context c, Z3_ast set,
Z3_ast elem);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_union(Z3_context c, unsigned
num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_intersect(Z3_context c,
unsigned num_args, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_difference(Z3_context c,
Z3_ast arg1, Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_complement(Z3_context c,
Z3_ast arg);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_member(Z3_context c, Z3_ast
elem, Z3_ast set);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_set_subset(Z3_context c, Z3_ast
arg1, Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_array_ext(Z3_context c, Z3_ast
arg1, Z3_ast arg2);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_numeral(Z3_context c, Z3_string
numeral, Z3_sort ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_real(Z3_context c, int num, int
den);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_int(Z3_context c, int v, Z3_sort
ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_unsigned_int(Z3_context c,
unsigned v, Z3_sort ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_int64(Z3_context c, int64_t v,
Z3_sort ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_unsigned_int64(Z3_context c,
uint64_t v, Z3_sort ty);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bv_numeral(Z3_context c, unsigned
sz, bool const* bits);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_seq_sort(Z3_context c, Z3_sort
s);
/usr/include/z3_api.h:    bool Z3_API Z3_is_seq_sort(Z3_context c, Z3_sort s);
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/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_seq_sort_basis(Z3_context c,
Z3_sort s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_re_sort(Z3_context c, Z3_sort
seq);
/usr/include/z3_api.h:    bool Z3_API Z3_is_re_sort(Z3_context c, Z3_sort s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_re_sort_basis(Z3_context c,
Z3_sort s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_mk_string_sort(Z3_context c);
/usr/include/z3_api.h:    bool Z3_API Z3_is_string_sort(Z3_context c, Z3_sort
s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_string(Z3_context c, Z3_string s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_lstring(Z3_context c, unsigned
len, Z3_string s);
/usr/include/z3_api.h:    bool Z3_API Z3_is_string(Z3_context c, Z3_ast s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_string(Z3_context c, Z3_ast
s);
/usr/include/z3_api.h:    Z3_char_ptr Z3_API Z3_get_lstring(Z3_context c, Z3_ast
s, unsigned* length);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_empty(Z3_context c, Z3_sort
seq);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_unit(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_concat(Z3_context c, unsigned
n, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_prefix(Z3_context c, Z3_ast
prefix, Z3_ast s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_suffix(Z3_context c, Z3_ast
suffix, Z3_ast s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_contains(Z3_context c, Z3_ast
container, Z3_ast containee);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_str_lt(Z3_context c, Z3_ast
prefix, Z3_ast s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_str_le(Z3_context c, Z3_ast
prefix, Z3_ast s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_extract(Z3_context c, Z3_ast
s, Z3_ast offset, Z3_ast length);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_replace(Z3_context c, Z3_ast
s, Z3_ast src, Z3_ast dst);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_at(Z3_context c, Z3_ast s,
Z3_ast index);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_nth(Z3_context c, Z3_ast s,
Z3_ast index);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_length(Z3_context c, Z3_ast
s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_index(Z3_context c, Z3_ast s,
Z3_ast substr, Z3_ast offset);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_last_index(Z3_context c,
Z3_ast, Z3_ast substr);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_str_to_int(Z3_context c, Z3_ast
s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_int_to_str(Z3_context c, Z3_ast
s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_to_re(Z3_context c, Z3_ast
seq);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_seq_in_re(Z3_context c, Z3_ast
seq, Z3_ast re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_plus(Z3_context c, Z3_ast re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_star(Z3_context c, Z3_ast re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_option(Z3_context c, Z3_ast
re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_union(Z3_context c, unsigned n,
Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_concat(Z3_context c, unsigned
n, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_range(Z3_context c, Z3_ast lo,
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Z3_ast hi);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_loop(Z3_context c, Z3_ast r,
unsigned lo, unsigned hi);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_intersect(Z3_context c,
unsigned n, Z3_ast const args[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_complement(Z3_context c, Z3_ast
re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_empty(Z3_context c, Z3_sort
re);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_re_full(Z3_context c, Z3_sort re);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_mk_linear_order(Z3_context c,
Z3_sort a, unsigned id);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_mk_partial_order(Z3_context c,
Z3_sort a, unsigned id);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_mk_piecewise_linear_order(Z3_context c, Z3_sort a, unsigned id);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_mk_tree_order(Z3_context c,
Z3_sort a, unsigned id);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_mk_transitive_closure(Z3_context c, Z3_func_decl f);
/usr/include/z3_api.h:    Z3_pattern Z3_API Z3_mk_pattern(Z3_context c, unsigned
num_patterns, Z3_ast const terms[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_mk_bound(Z3_context c, unsigned
index, Z3_sort ty);
/usr/include/z3_api.h:                                Z3_ast body);
/usr/include/z3_api.h:                                Z3_ast body);
/usr/include/z3_api.h:        Z3_ast body);
/usr/include/z3_api.h:        Z3_ast body);
/usr/include/z3_api.h:        );
/usr/include/z3_api.h:        );
/usr/include/z3_api.h:        );
/usr/include/z3_api.h:        );
/usr/include/z3_api.h:                                Z3_ast body);
/usr/include/z3_api.h:                                      Z3_ast body);
/usr/include/z3_api.h:    Z3_symbol_kind Z3_API Z3_get_symbol_kind(Z3_context c,
Z3_symbol s);
/usr/include/z3_api.h:    int Z3_API Z3_get_symbol_int(Z3_context c, Z3_symbol
s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_symbol_string(Z3_context c,
Z3_symbol s);
/usr/include/z3_api.h:    Z3_symbol Z3_API Z3_get_sort_name(Z3_context c,
Z3_sort d);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_sort_id(Z3_context c, Z3_sort
s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_sort_to_ast(Z3_context c, Z3_sort s);
/usr/include/z3_api.h:    bool Z3_API Z3_is_eq_sort(Z3_context c, Z3_sort s1,
Z3_sort s2);
/usr/include/z3_api.h:    Z3_sort_kind Z3_API Z3_get_sort_kind(Z3_context c,
Z3_sort t);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_bv_sort_size(Z3_context c,
Z3_sort t);
/usr/include/z3_api.h:    Z3_bool_opt Z3_API
Z3_get_finite_domain_sort_size(Z3_context c, Z3_sort s, uint64_t* r);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_array_sort_domain(Z3_context c,
Z3_sort t);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_array_sort_range(Z3_context c,
Z3_sort t);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_get_tuple_sort_mk_decl(Z3_context c, Z3_sort t);
/usr/include/z3_api.h:    unsigned Z3_API
Z3_get_tuple_sort_num_fields(Z3_context c, Z3_sort t);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_get_tuple_sort_field_decl(Z3_context c, Z3_sort t, unsigned i);
/usr/include/z3_api.h:        Z3_context c, Z3_sort t);
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/usr/include/z3_api.h:        Z3_context c, Z3_sort t, unsigned idx);
/usr/include/z3_api.h:        Z3_context c, Z3_sort t, unsigned idx);
/usr/include/z3_api.h:
unsigned idx_a);
/usr/include/z3_api.h:                                            Z3_ast t,
Z3_ast value);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_relation_arity(Z3_context c,
Z3_sort s);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_relation_column(Z3_context c,
Z3_sort s, unsigned col);
/usr/include/z3_api.h:                                Z3_ast const args[],
unsigned k);
/usr/include/z3_api.h:                                 Z3_ast const args[],
unsigned k);
/usr/include/z3_api.h:                               int k);
/usr/include/z3_api.h:                               int k);
/usr/include/z3_api.h:                               int k);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_func_decl_to_ast(Z3_context c,
Z3_func_decl f);
/usr/include/z3_api.h:    bool Z3_API Z3_is_eq_func_decl(Z3_context c,
Z3_func_decl f1, Z3_func_decl f2);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_func_decl_id(Z3_context c,
Z3_func_decl f);
/usr/include/z3_api.h:    Z3_symbol Z3_API Z3_get_decl_name(Z3_context c,
Z3_func_decl d);
/usr/include/z3_api.h:    Z3_decl_kind Z3_API Z3_get_decl_kind(Z3_context c,
Z3_func_decl d);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_domain_size(Z3_context c,
Z3_func_decl d);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_arity(Z3_context c,
Z3_func_decl d);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_domain(Z3_context c,
Z3_func_decl d, unsigned i);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_range(Z3_context c, Z3_func_decl
d);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_decl_num_parameters(Z3_context
c, Z3_func_decl d);
/usr/include/z3_api.h:    Z3_parameter_kind Z3_API
Z3_get_decl_parameter_kind(Z3_context c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    int Z3_API Z3_get_decl_int_parameter(Z3_context c,
Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    double Z3_API Z3_get_decl_double_parameter(Z3_context
c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_symbol Z3_API
Z3_get_decl_symbol_parameter(Z3_context c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_decl_sort_parameter(Z3_context
c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_decl_ast_parameter(Z3_context c,
Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_get_decl_func_decl_parameter(Z3_context c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_string Z3_API
Z3_get_decl_rational_parameter(Z3_context c, Z3_func_decl d, unsigned idx);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_app_to_ast(Z3_context c, Z3_app a);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_get_app_decl(Z3_context c,
Z3_app a);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_app_num_args(Z3_context c,
Z3_app a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_app_arg(Z3_context c, Z3_app a,
unsigned i);
/usr/include/z3_api.h:    bool Z3_API Z3_is_eq_ast(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_ast_id(Z3_context c, Z3_ast t);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_ast_hash(Z3_context c, Z3_ast
```

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a);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_sort(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_well_sorted(Z3_context c, Z3_ast t);
/usr/include/z3_api.h:    Z3_lbool Z3_API Z3_get_bool_value(Z3_context c, Z3_ast
a);
/usr/include/z3_api.h:    Z3_ast_kind Z3_API Z3_get_ast_kind(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_app(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_numeral_ast(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_algebraic_number(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    Z3_app Z3_API Z3_to_app(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_to_func_decl(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_numeral_string(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    Z3_string Z3_API
Z3_get_numeral_binary_string(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_string Z3_API
Z3_get_numeral_decimal_string(Z3_context c, Z3_ast a, unsigned precision);
/usr/include/z3_api.h:    double Z3_API Z3_get_numeral_double(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_numerator(Z3_context c, Z3_ast
a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_denominator(Z3_context c, Z3_ast
a);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_small(Z3_context c, Z3_ast
a, int64_t* num, int64_t* den);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_int(Z3_context c, Z3_ast v,
int* i);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_uint(Z3_context c, Z3_ast
v, unsigned* u);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_uint64(Z3_context c, Z3_ast
v, uint64_t* u);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_int64(Z3_context c, Z3_ast
v, int64_t* i);
/usr/include/z3_api.h:    bool Z3_API Z3_get_numeral_rational_int64(Z3_context
c, Z3_ast v, int64_t* num, int64_t* den)
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_algebraic_number_lower(Z3_context
c, Z3_ast a, unsigned precision);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_algebraic_number_upper(Z3_context
c, Z3_ast a, unsigned precision);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_pattern_to_ast(Z3_context c,
Z3_pattern p);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_pattern_num_terms(Z3_context c,
Z3_pattern p);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_pattern(Z3_context c, Z3_pattern
p, unsigned idx);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_index_value(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_quantifier_forall(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_quantifier_exists(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_is_lambda(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_quantifier_weight(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    unsigned Z3_API
Z3_get_quantifier_num_patterns(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_pattern Z3_API
Z3_get_quantifier_pattern_ast(Z3_context c, Z3_ast a, unsigned i);
/usr/include/z3_api.h:    unsigned Z3_API
Z3_get_quantifier_num_no_patterns(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_ast Z3_API
```

```
Z3_get_quantifier_no_pattern_ast(Z3_context c, Z3_ast a, unsigned i);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_quantifier_num_bound(Z3_context
c, Z3_ast a);
/usr/include/z3_api.h:    Z3_symbol Z3_API
Z3_get_quantifier_bound_name(Z3_context c, Z3_ast a, unsigned i);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_get_quantifier_bound_sort(Z3_context
c, Z3_ast a, unsigned i);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_get_quantifier_body(Z3_context c,
Z3_ast a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_simplify(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_simplify_ex(Z3_context c, Z3_ast a,
Z3_params p);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_simplify_get_help(Z3_context c);
/usr/include/z3_api.h:    Z3_param_descrs Z3_API
Z3_simplify_get_param_descrs(Z3_context c);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_update_term(Z3_context c, Z3_ast a,
unsigned num_args, Z3_ast const args[]);
/usr/include/z3_api.h:                                  Z3_ast const to[]);
/usr/include/z3_api.h:                                       Z3_ast const to[]);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_translate(Z3_context source, Z3_ast
a, Z3_context target);
/usr/include/z3_api.h:    Z3_model Z3_API Z3_mk_model(Z3_context c);
/usr/include/z3_api.h:    void Z3_API Z3_model_inc_ref(Z3_context c, Z3_model
m);
/usr/include/z3_api.h:    void Z3_API Z3_model_dec_ref(Z3_context c, Z3_model
m);
/usr/include/z3_api.h:    Z3_bool_opt Z3_API Z3_model_eval(Z3_context c,
Z3_model m, Z3_ast t, bool model_completion, Z3_ast * v);
/usr/include/z3_api.h:    Z3_ast_opt Z3_API Z3_model_get_const_interp(Z3_context
c, Z3_model m, Z3_func_decl a);
/usr/include/z3_api.h:    bool Z3_API Z3_model_has_interp(Z3_context c, Z3_model
m, Z3_func_decl a);
/usr/include/z3_api.h:    Z3_func_interp_opt Z3_API
Z3_model_get_func_interp(Z3_context c, Z3_model m, Z3_func_decl f);
/usr/include/z3_api.h:    unsigned Z3_API Z3_model_get_num_consts(Z3_context c,
Z3_model m);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_model_get_const_decl(Z3_context
c, Z3_model m, unsigned i);
/usr/include/z3_api.h:    unsigned Z3_API Z3_model_get_num_funcs(Z3_context c,
Z3_model m);
/usr/include/z3_api.h:    Z3_func_decl Z3_API Z3_model_get_func_decl(Z3_context
c, Z3_model m, unsigned i);
/usr/include/z3_api.h:    unsigned Z3_API Z3_model_get_num_sorts(Z3_context c,
Z3_model m);
/usr/include/z3_api.h:    Z3_sort Z3_API Z3_model_get_sort(Z3_context c,
Z3_model m, unsigned i);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API
Z3_model_get_sort_universe(Z3_context c, Z3_model m, Z3_sort s);
/usr/include/z3_api.h:    Z3_model Z3_API Z3_model_translate(Z3_context c,
Z3_model m, Z3_context dst);
/usr/include/z3_api.h:    bool Z3_API Z3_is_as_array(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_func_decl Z3_API
Z3_get_as_array_func_decl(Z3_context c, Z3_ast a);
/usr/include/z3_api.h:    Z3_func_interp Z3_API Z3_add_func_interp(Z3_context c,
Z3_model m, Z3_func_decl f, Z3_ast default_value);
/usr/include/z3_api.h:    void Z3_API Z3_add_const_interp(Z3_context c, Z3_model
m, Z3_func_decl f, Z3_ast a);
/usr/include/z3_api.h:    void Z3_API Z3_func_interp_inc_ref(Z3_context c,
Z3_func_interp f);
/usr/include/z3_api.h:    void Z3_API Z3_func_interp_dec_ref(Z3_context c,
Z3_func_interp f);
/usr/include/z3_api.h:    unsigned Z3_API
Z3_func_interp_get_num_entries(Z3_context c, Z3_func_interp f);
/usr/include/z3_api.h:    Z3_func_entry Z3_API
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Z3_func_interp_get_entry(Z3_context c, Z3_func_interp f, unsigned i);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_func_interp_get_else(Z3_context c,
Z3_func_interp f);
/usr/include/z3_api.h:    void Z3_API Z3_func_interp_set_else(Z3_context c,
Z3_func_interp f, Z3_ast else_value);
/usr/include/z3_api.h:    unsigned Z3_API Z3_func_interp_get_arity(Z3_context c,
Z3_func_interp f);
/usr/include/z3_api.h:    void Z3_API Z3_func_interp_add_entry(Z3_context c,
Z3_func_interp fi, Z3_ast_vector args, Z3_ast value);
/usr/include/z3_api.h:    void Z3_API Z3_func_entry_inc_ref(Z3_context c,
Z3_func_entry e);
/usr/include/z3_api.h:    void Z3_API Z3_func_entry_dec_ref(Z3_context c,
Z3_func_entry e);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_func_entry_get_value(Z3_context c,
Z3_func_entry e);
/usr/include/z3_api.h:    unsigned Z3_API Z3_func_entry_get_num_args(Z3_context
c, Z3_func_entry e);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_func_entry_get_arg(Z3_context c,
Z3_func_entry e, unsigned i);
/usr/include/z3_api.h:    bool Z3_API Z3_open_log(Z3_string filename);
/usr/include/z3_api.h:    void Z3_API Z3_append_log(Z3_string string);
/usr/include/z3_api.h:    void Z3_API Z3_close_log(void);
/usr/include/z3_api.h:    void Z3_API Z3_toggle_warning_messages(bool enabled);
/usr/include/z3_api.h:    void Z3_API Z3_set_ast_print_mode(Z3_context c,
Z3_ast_print_mode mode);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_ast_to_string(Z3_context c, Z3_ast
a);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_pattern_to_string(Z3_context c,
Z3_pattern p);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_sort_to_string(Z3_context c,
Z3_sort s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_func_decl_to_string(Z3_context c,
Z3_func_decl d);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_model_to_string(Z3_context c,
Z3_model m);
/usr/include/z3_api.h:                                                    Z3_ast
formula);
/usr/include/z3_api.h:                                              Z3_func_decl
const decls[]);
/usr/include/z3_api.h:                                            Z3_func_decl const
decls[]);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_eval_smtlib2_string(Z3_context,
Z3_string str);
/usr/include/z3_api.h:    Z3_error_code Z3_API Z3_get_error_code(Z3_context c);
/usr/include/z3_api.h:    void Z3_API Z3_set_error_handler(Z3_context c,
Z3_error_handler h);
/usr/include/z3_api.h:    void Z3_API Z3_set_error(Z3_context c, Z3_error_code
e);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_error_msg(Z3_context c,
Z3_error_code err);
/usr/include/z3_api.h:    void Z3_API Z3_get_version(unsigned * major, unsigned
* minor, unsigned * build_number, unsigned * revision_number);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_full_version(void);
/usr/include/z3_api.h:    void Z3_API Z3_enable_trace(Z3_string tag);
/usr/include/z3_api.h:    void Z3_API Z3_disable_trace(Z3_string tag);
/usr/include/z3_api.h:    void Z3_API Z3_reset_memory(void);
/usr/include/z3_api.h:    void Z3_API Z3_finalize_memory(void);
/usr/include/z3_api.h:    Z3_goal Z3_API Z3_mk_goal(Z3_context c, bool models,
bool unsat_cores, bool proofs);
/usr/include/z3_api.h:    void Z3_API Z3_goal_inc_ref(Z3_context c, Z3_goal g);
/usr/include/z3_api.h:    void Z3_API Z3_goal_dec_ref(Z3_context c, Z3_goal g);
/usr/include/z3_api.h:    Z3_goal_prec Z3_API Z3_goal_precision(Z3_context c,
Z3_goal g);
/usr/include/z3_api.h:    void Z3_API Z3_goal_assert(Z3_context c, Z3_goal g,
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Z3_ast a);
/usr/include/z3_api.h:    bool Z3_API Z3_goal_inconsistent(Z3_context c, Z3_goal
g);
/usr/include/z3_api.h:    unsigned Z3_API Z3_goal_depth(Z3_context c, Z3_goal
g);
/usr/include/z3_api.h:    void Z3_API Z3_goal_reset(Z3_context c, Z3_goal g);
/usr/include/z3_api.h:    unsigned Z3_API Z3_goal_size(Z3_context c, Z3_goal g);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_goal_formula(Z3_context c, Z3_goal g,
unsigned idx);
/usr/include/z3_api.h:    unsigned Z3_API Z3_goal_num_exprs(Z3_context c,
Z3_goal g);
/usr/include/z3_api.h:    bool Z3_API Z3_goal_is_decided_sat(Z3_context c,
Z3_goal g);
/usr/include/z3_api.h:    bool Z3_API Z3_goal_is_decided_unsat(Z3_context c,
Z3_goal g);
/usr/include/z3_api.h:    Z3_goal Z3_API Z3_goal_translate(Z3_context source,
Z3_goal g, Z3_context target);
/usr/include/z3_api.h:    Z3_model Z3_API Z3_goal_convert_model(Z3_context c,
Z3_goal g, Z3_model m);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_goal_to_string(Z3_context c,
Z3_goal g);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_goal_to_dimacs_string(Z3_context
c, Z3_goal g, bool include_names);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_mk_tactic(Z3_context c, Z3_string
name);
/usr/include/z3_api.h:    void Z3_API Z3_tactic_inc_ref(Z3_context c, Z3_tactic
t);
/usr/include/z3_api.h:    void Z3_API Z3_tactic_dec_ref(Z3_context c, Z3_tactic
g);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_mk_probe(Z3_context c, Z3_string
name);
/usr/include/z3_api.h:    void Z3_API Z3_probe_inc_ref(Z3_context c, Z3_probe
p);
/usr/include/z3_api.h:    void Z3_API Z3_probe_dec_ref(Z3_context c, Z3_probe
p);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_and_then(Z3_context c,
Z3_tactic t1, Z3_tactic t2);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_or_else(Z3_context c,
Z3_tactic t1, Z3_tactic t2);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_par_or(Z3_context c,
unsigned num, Z3_tactic const ts[]);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_par_and_then(Z3_context c,
Z3_tactic t1, Z3_tactic t2);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_try_for(Z3_context c,
Z3_tactic t, unsigned ms);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_when(Z3_context c, Z3_probe
p, Z3_tactic t);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_cond(Z3_context c, Z3_probe
p, Z3_tactic t1, Z3_tactic t2);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_repeat(Z3_context c,
Z3_tactic t, unsigned max);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_skip(Z3_context c);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_fail(Z3_context c);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_fail_if(Z3_context c,
Z3_probe p);
/usr/include/z3_api.h:    Z3_tactic Z3_API
Z3_tactic_fail_if_not_decided(Z3_context c);
/usr/include/z3_api.h:    Z3_tactic Z3_API Z3_tactic_using_params(Z3_context c,
Z3_tactic t, Z3_params p);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_const(Z3_context x, double
val);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_lt(Z3_context x, Z3_probe p1,
Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_gt(Z3_context x, Z3_probe p1,
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Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_le(Z3_context x, Z3_probe p1,
Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_ge(Z3_context x, Z3_probe p1,
Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_eq(Z3_context x, Z3_probe p1,
Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_and(Z3_context x, Z3_probe
p1, Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_or(Z3_context x, Z3_probe p1,
Z3_probe p2);
/usr/include/z3_api.h:    Z3_probe Z3_API Z3_probe_not(Z3_context x, Z3_probe
p);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_num_tactics(Z3_context c);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_tactic_name(Z3_context c,
unsigned i);
/usr/include/z3_api.h:    unsigned Z3_API Z3_get_num_probes(Z3_context c);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_get_probe_name(Z3_context c,
unsigned i);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_tactic_get_help(Z3_context c,
Z3_tactic t);
/usr/include/z3_api.h:    Z3_param_descrs Z3_API
Z3_tactic_get_param_descrs(Z3_context c, Z3_tactic t);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_tactic_get_descr(Z3_context c,
Z3_string name);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_probe_get_descr(Z3_context c,
Z3_string name);
/usr/include/z3_api.h:    double Z3_API Z3_probe_apply(Z3_context c, Z3_probe p,
Z3_goal g);
/usr/include/z3_api.h:    Z3_apply_result Z3_API Z3_tactic_apply(Z3_context c,
Z3_tactic t, Z3_goal g);
/usr/include/z3_api.h:    Z3_apply_result Z3_API Z3_tactic_apply_ex(Z3_context
c, Z3_tactic t, Z3_goal g, Z3_params p);
/usr/include/z3_api.h:    void Z3_API Z3_apply_result_inc_ref(Z3_context c,
Z3_apply_result r);
/usr/include/z3_api.h:    void Z3_API Z3_apply_result_dec_ref(Z3_context c,
Z3_apply_result r);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_apply_result_to_string(Z3_context
c, Z3_apply_result r);
/usr/include/z3_api.h:    unsigned Z3_API
Z3_apply_result_get_num_subgoals(Z3_context c, Z3_apply_result r);
/usr/include/z3_api.h:    Z3_goal Z3_API Z3_apply_result_get_subgoal(Z3_context
c, Z3_apply_result r, unsigned i);
/usr/include/z3_api.h:    Z3_solver Z3_API Z3_mk_solver(Z3_context c);
/usr/include/z3_api.h:    Z3_solver Z3_API Z3_mk_simple_solver(Z3_context c);
/usr/include/z3_api.h:    Z3_solver Z3_API Z3_mk_solver_for_logic(Z3_context c,
Z3_symbol logic);
/usr/include/z3_api.h:    Z3_solver Z3_API Z3_mk_solver_from_tactic(Z3_context
c, Z3_tactic t);
/usr/include/z3_api.h:    Z3_solver Z3_API Z3_solver_translate(Z3_context
source, Z3_solver s, Z3_context target);
/usr/include/z3_api.h:    void Z3_API
Z3_solver_import_model_converter(Z3_context ctx, Z3_solver src, Z3_solver dst);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_solver_get_help(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_param_descrs Z3_API
Z3_solver_get_param_descrs(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_set_params(Z3_context c,
Z3_solver s, Z3_params p);
/usr/include/z3_api.h:    void Z3_API Z3_solver_inc_ref(Z3_context c, Z3_solver
s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_dec_ref(Z3_context c, Z3_solver
s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_interrupt(Z3_context c,
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Z3_solver s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_push(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_pop(Z3_context c, Z3_solver s,
unsigned n);
/usr/include/z3_api.h:    void Z3_API Z3_solver_reset(Z3_context c, Z3_solver
s);
/usr/include/z3_api.h:    unsigned Z3_API Z3_solver_get_num_scopes(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_assert(Z3_context c, Z3_solver
s, Z3_ast a);
/usr/include/z3_api.h:    void Z3_API Z3_solver_assert_and_track(Z3_context c,
Z3_solver s, Z3_ast a, Z3_ast p);
/usr/include/z3_api.h:    void Z3_API Z3_solver_from_file(Z3_context c,
Z3_solver s, Z3_string file_name);
/usr/include/z3_api.h:    void Z3_API Z3_solver_from_string(Z3_context c,
Z3_solver s, Z3_string file_name);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API
Z3_solver_get_assertions(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API Z3_solver_get_units(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API Z3_solver_get_trail(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API
Z3_solver_get_non_units(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    void Z3_API Z3_solver_get_levels(Z3_context c,
Z3_solver s, Z3_ast_vector literals, unsigned sz,  unsigned levels[]);
/usr/include/z3_api.h:        Z3_fresh_eh fresh_eh);
/usr/include/z3_api.h:    void Z3_API Z3_solver_propagate_fixed(Z3_context c,
Z3_solver s, Z3_fixed_eh fixed_eh);
/usr/include/z3_api.h:    void Z3_API Z3_solver_propagate_final(Z3_context c,
Z3_solver s, Z3_final_eh final_eh);
/usr/include/z3_api.h:    void Z3_API Z3_solver_propagate_eq(Z3_context c,
Z3_solver s, Z3_eq_eh eq_eh);
/usr/include/z3_api.h:    void Z3_API Z3_solver_propagate_diseq(Z3_context c,
Z3_solver s, Z3_eq_eh eq_eh);
/usr/include/z3_api.h:    void Z3_API Z3_solver_propagate_consequence(Z3_context
c, Z3_solver_callback, unsigned num_fixed, unsigned const* fixed_ids, unsigned
num_eqs, unsigned const* eq_lhs, unsigned const* eq_rhs, Z3_ast conseq);
/usr/include/z3_api.h:    Z3_lbool Z3_API Z3_solver_check(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:                                                  unsigned
num_assumptions, Z3_ast const assumptions[]);
/usr/include/z3_api.h:                                                unsigned
class_ids[]);
/usr/include/z3_api.h:
Z3_ast_vector consequences);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API Z3_solver_cube(Z3_context c,
Z3_solver s, Z3_ast_vector vars, unsigned backtrack_level);
/usr/include/z3_api.h:    Z3_model Z3_API Z3_solver_get_model(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_ast Z3_API Z3_solver_get_proof(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_ast_vector Z3_API
Z3_solver_get_unsat_core(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    Z3_string Z3_API
Z3_solver_get_reason_unknown(Z3_context c, Z3_solver s);
/usr/include/z3_api.h:    Z3_stats Z3_API Z3_solver_get_statistics(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_solver_to_string(Z3_context c,
Z3_solver s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_solver_to_dimacs_string(Z3_context
c, Z3_solver s, bool include_names);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_stats_to_string(Z3_context c,
Z3_stats s);
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/usr/include/z3_api.h:    void Z3_API Z3_stats_inc_ref(Z3_context c, Z3_stats
s);
/usr/include/z3_api.h:    void Z3_API Z3_stats_dec_ref(Z3_context c, Z3_stats
s);
/usr/include/z3_api.h:    unsigned Z3_API Z3_stats_size(Z3_context c, Z3_stats
s);
/usr/include/z3_api.h:    Z3_string Z3_API Z3_stats_get_key(Z3_context c,
Z3_stats s, unsigned idx);
/usr/include/z3_api.h:    bool Z3_API Z3_stats_is_uint(Z3_context c, Z3_stats s,
unsigned idx);
/usr/include/z3_api.h:    bool Z3_API Z3_stats_is_double(Z3_context c, Z3_stats
s, unsigned idx);
/usr/include/z3_api.h:    unsigned Z3_API Z3_stats_get_uint_value(Z3_context c,
Z3_stats s, unsigned idx);
/usr/include/z3_api.h:    double Z3_API Z3_stats_get_double_value(Z3_context c,
Z3_stats s, unsigned idx);
/usr/include/z3_api.h:    uint64_t Z3_API Z3_get_estimated_alloc_size(void);
/usr/include/z3_ast_containers.h:    Z3_ast_vector Z3_API
Z3_mk_ast_vector(Z3_context c);
/usr/include/z3_ast_containers.h:    void Z3_API
Z3_ast_vector_inc_ref(Z3_context c, Z3_ast_vector v);
/usr/include/z3_ast_containers.h:    void Z3_API
Z3_ast_vector_dec_ref(Z3_context c, Z3_ast_vector v);
/usr/include/z3_ast_containers.h:    unsigned Z3_API
Z3_ast_vector_size(Z3_context c, Z3_ast_vector v);
/usr/include/z3_ast_containers.h:    Z3_ast Z3_API Z3_ast_vector_get(Z3_context
c, Z3_ast_vector v, unsigned i);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_vector_set(Z3_context c,
Z3_ast_vector v, unsigned i, Z3_ast a)
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_vector_resize(Z3_context
c, Z3_ast_vector v, unsigned n);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_vector_push(Z3_context
c, Z3_ast_vector v, Z3_ast a);
/usr/include/z3_ast_containers.h:    Z3_ast_vector Z3_API
Z3_ast_vector_translate(Z3_context s, Z3_ast_vector v, Z3_context t);
/usr/include/z3_ast_containers.h:    Z3_string Z3_API
Z3_ast_vector_to_string(Z3_context c, Z3_ast_vector v);
/usr/include/z3_ast_containers.h:    Z3_ast_map Z3_API Z3_mk_ast_map(Z3_context
c);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_map_inc_ref(Z3_context
c, Z3_ast_map m);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_map_dec_ref(Z3_context
c, Z3_ast_map m);
/usr/include/z3_ast_containers.h:    bool Z3_API Z3_ast_map_contains(Z3_context
c, Z3_ast_map m, Z3_ast k);
/usr/include/z3_ast_containers.h:    Z3_ast Z3_API Z3_ast_map_find(Z3_context c,
Z3_ast_map m, Z3_ast k);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_map_insert(Z3_context c,
Z3_ast_map m, Z3_ast k, Z3_ast v);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_map_erase(Z3_context c,
Z3_ast_map m, Z3_ast k);
/usr/include/z3_ast_containers.h:    void Z3_API Z3_ast_map_reset(Z3_context c,
Z3_ast_map m);
/usr/include/z3_ast_containers.h:    unsigned Z3_API Z3_ast_map_size(Z3_context
c, Z3_ast_map m);
/usr/include/z3_ast_containers.h:    Z3_ast_vector Z3_API
Z3_ast_map_keys(Z3_context c, Z3_ast_map m);
/usr/include/z3_ast_containers.h:    Z3_string Z3_API
Z3_ast_map_to_string(Z3_context c, Z3_ast_map m);
/usr/include/z3_fixedpoint.h:    Z3_fixedpoint Z3_API
Z3_mk_fixedpoint(Z3_context c);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_inc_ref(Z3_context c,
Z3_fixedpoint d);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_dec_ref(Z3_context c,
```

```
Z3_fixedpoint d);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_add_rule(Z3_context
c, Z3_fixedpoint d, Z3_ast rule, Z3_symbol name);
/usr/include/z3_fixedpoint.h:                                        unsigned
num_args, unsigned args[]);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_assert(Z3_context c,
Z3_fixedpoint d, Z3_ast axiom);
/usr/include/z3_fixedpoint.h:    Z3_lbool Z3_API Z3_fixedpoint_query(Z3_context
c, Z3_fixedpoint d, Z3_ast query);
/usr/include/z3_fixedpoint.h:        unsigned num_relations, Z3_func_decl const
relations[]);
/usr/include/z3_fixedpoint.h:    Z3_ast Z3_API
Z3_fixedpoint_get_answer(Z3_context c, Z3_fixedpoint d);
/usr/include/z3_fixedpoint.h:    Z3_string Z3_API
Z3_fixedpoint_get_reason_unknown(Z3_context c, Z3_fixedpoint d);
/usr/include/z3_fixedpoint.h:    void Z3_API
Z3_fixedpoint_update_rule(Z3_context c, Z3_fixedpoint d, Z3_ast a, Z3_symbol
name);
/usr/include/z3_fixedpoint.h:    unsigned Z3_API
Z3_fixedpoint_get_num_levels(Z3_context c, Z3_fixedpoint d, Z3_func_decl pred);
/usr/include/z3_fixedpoint.h:    Z3_ast Z3_API
Z3_fixedpoint_get_cover_delta(Z3_context c, Z3_fixedpoint d, int level,
Z3_func_decl pred);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_add_cover(Z3_context
c, Z3_fixedpoint d, int level, Z3_func_decl pred, Z3_ast property);
/usr/include/z3_fixedpoint.h:    Z3_stats Z3_API
Z3_fixedpoint_get_statistics(Z3_context c, Z3_fixedpoint d);
/usr/include/z3_fixedpoint.h:    void Z3_API
Z3_fixedpoint_register_relation(Z3_context c, Z3_fixedpoint d, Z3_func_decl f);
/usr/include/z3_fixedpoint.h:        Z3_symbol const relation_kinds[]);
/usr/include/z3_fixedpoint.h:        Z3_fixedpoint f);
/usr/include/z3_fixedpoint.h:        Z3_fixedpoint f);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_set_params(Z3_context
c, Z3_fixedpoint f, Z3_params p);
/usr/include/z3_fixedpoint.h:    Z3_string Z3_API
Z3_fixedpoint_get_help(Z3_context c, Z3_fixedpoint f);
/usr/include/z3_fixedpoint.h:    Z3_param_descrs Z3_API
Z3_fixedpoint_get_param_descrs(Z3_context c, Z3_fixedpoint f);
/usr/include/z3_fixedpoint.h:        Z3_ast queries[]);
/usr/include/z3_fixedpoint.h:
Z3_string s);
/usr/include/z3_fixedpoint.h:
Z3_string s);
/usr/include/z3_fixedpoint.h:        unsigned, Z3_ast const []);
/usr/include/z3_fixedpoint.h:        Z3_ast*);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_init(Z3_context c,
Z3_fixedpoint d, void* state);
/usr/include/z3_fixedpoint.h:        Z3_context c ,Z3_fixedpoint d,
Z3_fixedpoint_reduce_assign_callback_fptr cb);
/usr/include/z3_fixedpoint.h:        Z3_context c, Z3_fixedpoint d,
Z3_fixedpoint_reduce_app_callback_fptr cb);
/usr/include/z3_fixedpoint.h:    typedef void (*Z3_fixedpoint_new_lemma_eh)(void
*state, Z3_ast lemma, unsigned level);
/usr/include/z3_fixedpoint.h:    typedef void (*Z3_fixedpoint_predecessor_eh)
(void *state);
/usr/include/z3_fixedpoint.h:    typedef void (*Z3_fixedpoint_unfold_eh)(void
*state);
/usr/include/z3_fixedpoint.h:
Z3_fixedpoint_unfold_eh unfold_eh);
/usr/include/z3_fixedpoint.h:    void Z3_API Z3_fixedpoint_add_constraint
(Z3_context c, Z3_fixedpoint d, Z3_ast e, unsigned lvl);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_rounding_mode_sort(Z3_context
c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
```

```
Z3_mk_fpa_round_nearest_ties_to_even(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rne(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_mk_fpa_round_nearest_ties_to_away(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rna(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_mk_fpa_round_toward_positive(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rtp(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_mk_fpa_round_toward_negative(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rtn(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_round_toward_zero(Z3_context
c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rtz(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort(Z3_context c, unsigned
ebits, unsigned sbits);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_half(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_16(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_single(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_32(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_double(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_64(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_quadruple(Z3_context c);
/usr/include/z3_fpa.h:    Z3_sort Z3_API Z3_mk_fpa_sort_128(Z3_context c);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_nan(Z3_context c, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_inf(Z3_context c, Z3_sort s,
bool negative);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_zero(Z3_context c, Z3_sort s,
bool negative);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_fp(Z3_context c, Z3_ast sgn,
Z3_ast exp, Z3_ast sig);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_numeral_float(Z3_context c,
float v, Z3_sort ty);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_numeral_double(Z3_context c,
double v, Z3_sort ty);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_numeral_int(Z3_context c,
signed v, Z3_sort ty);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_numeral_int_uint(Z3_context c,
bool sgn, signed exp, unsigned sig, Z3_sort ty);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_mk_fpa_numeral_int64_uint64(Z3_context c, bool sgn, int64_t exp, uint64_t
sig, Z3_sort ty);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_abs(Z3_context c, Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_neg(Z3_context c, Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_add(Z3_context c, Z3_ast rm,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_sub(Z3_context c, Z3_ast rm,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_mul(Z3_context c, Z3_ast rm,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_div(Z3_context c, Z3_ast rm,
Z3_ast t1, Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_fma(Z3_context c, Z3_ast rm,
Z3_ast t1, Z3_ast t2, Z3_ast t3);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_sqrt(Z3_context c, Z3_ast rm,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_rem(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_round_to_integral(Z3_context
c, Z3_ast rm, Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_min(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_max(Z3_context c, Z3_ast t1,
Z3_ast t2);
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/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_leq(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_lt(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_geq(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_gt(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_eq(Z3_context c, Z3_ast t1,
Z3_ast t2);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_normal(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_subnormal(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_zero(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_infinite(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_nan(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_negative(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_is_positive(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_bv(Z3_context c, Z3_ast
bv, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_float(Z3_context c,
Z3_ast rm, Z3_ast t, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_real(Z3_context c,
Z3_ast rm, Z3_ast t, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_signed(Z3_context c,
Z3_ast rm, Z3_ast t, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_unsigned(Z3_context c,
Z3_ast rm, Z3_ast t, Z3_sort s);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_ubv(Z3_context c, Z3_ast
rm, Z3_ast t, unsigned sz);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_sbv(Z3_context c, Z3_ast
rm, Z3_ast t, unsigned sz);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_real(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    unsigned Z3_API Z3_fpa_get_ebits(Z3_context c, Z3_sort
s);
/usr/include/z3_fpa.h:    unsigned Z3_API Z3_fpa_get_sbits(Z3_context c, Z3_sort
s);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_nan(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_inf(Z3_context c, Z3_ast
t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_zero(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_normal(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_subnormal(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_positive(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_is_numeral_negative(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_fpa_get_numeral_sign_bv(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_fpa_get_numeral_significand_bv(Z3_context c, Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API Z3_fpa_get_numeral_sign(Z3_context c,
Z3_ast t, int * sgn);
```

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/usr/include/z3_fpa.h:    Z3_string Z3_API
Z3_fpa_get_numeral_significand_string(Z3_context c, Z3_ast t);
/usr/include/z3_fpa.h:    bool Z3_API
Z3_fpa_get_numeral_significand_uint64(Z3_context c, Z3_ast t, uint64_t * n);
/usr/include/z3_fpa.h:    Z3_string Z3_API
Z3_fpa_get_numeral_exponent_string(Z3_context c, Z3_ast t, bool biased);
/usr/include/z3_fpa.h:    bool Z3_API
Z3_fpa_get_numeral_exponent_int64(Z3_context c, Z3_ast t, int64_t * n, bool
biased);
/usr/include/z3_fpa.h:    Z3_ast Z3_API
Z3_fpa_get_numeral_exponent_bv(Z3_context c, Z3_ast t, bool biased);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_ieee_bv(Z3_context c,
Z3_ast t);
/usr/include/z3_fpa.h:    Z3_ast Z3_API Z3_mk_fpa_to_fp_int_real(Z3_context c,
Z3_ast rm, Z3_ast exp, Z3_ast sig, Z3_sort s);
/usr/include/z3++.h:    class exception;
/usr/include/z3++.h:    class config;
/usr/include/z3++.h:    class context;
/usr/include/z3++.h:    class symbol;
/usr/include/z3++.h:    class params;
/usr/include/z3++.h:    class param_descrs;
/usr/include/z3++.h:    class ast;
/usr/include/z3++.h:    class sort;
/usr/include/z3++.h:    class func_decl;
/usr/include/z3++.h:    class expr;
/usr/include/z3++.h:    class solver;
/usr/include/z3++.h:    class goal;
/usr/include/z3++.h:    class tactic;
/usr/include/z3++.h:    class probe;
/usr/include/z3++.h:    class model;
/usr/include/z3++.h:    class func_interp;
/usr/include/z3++.h:    class func_entry;
/usr/include/z3++.h:    class statistics;
/usr/include/z3++.h:    class apply_result;
/usr/include/z3++.h:    template<typename T> class cast_ast;
/usr/include/z3++.h:    template<typename T> class ast_vector_tpl;
/usr/include/z3++.h:    typedef ast_vector_tpl<ast>       ast_vector;
/usr/include/z3++.h:    typedef ast_vector_tpl<expr>      expr_vector;
/usr/include/z3++.h:    typedef ast_vector_tpl<sort>      sort_vector;
/usr/include/z3++.h:    typedef ast_vector_tpl<func_decl> func_decl_vector;
/usr/include/z3++.h:        std::string m_msg;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
exception const & e);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_config    m_cfg;
/usr/include/z3++.h:        config(config const &) = delete;
/usr/include/z3++.h:        config & operator=(config const &) = delete;
/usr/include/z3++.h:            auto str = std::to_string(value);
/usr/include/z3++.h:            Z3_set_param_value(m_cfg, param, str.c_str());
/usr/include/z3++.h:    };
/usr/include/z3++.h:    };
/usr/include/z3++.h:    };
/usr/include/z3++.h:        if (l == Z3_L_TRUE) return sat;
/usr/include/z3++.h:        else if (l == Z3_L_FALSE) return unsat;
/usr/include/z3++.h:        return unknown;
/usr/include/z3++.h:        bool       m_enable_exceptions;
/usr/include/z3++.h:        rounding_mode m_rounding_mode;
/usr/include/z3++.h:        Z3_context m_ctx;
/usr/include/z3++.h:            set_context(Z3_mk_context_rc(c));
/usr/include/z3++.h:            m_ctx = ctx;
/usr/include/z3++.h:            m_enable_exceptions = true;
/usr/include/z3++.h:            m_rounding_mode = RNE;
/usr/include/z3++.h:            Z3_set_error_handler(m_ctx, 0);
/usr/include/z3++.h:            Z3_set_ast_print_mode(m_ctx,
```

```
Z3_PRINT_SMTLIB2_COMPLIANT);
/usr/include/z3++.h:        context(context const &) = delete;
/usr/include/z3++.h:        context & operator=(context const &) = delete;
/usr/include/z3++.h:        friend class scoped_context;
/usr/include/z3++.h:            Z3_error_code e = Z3_get_error_code(m_ctx);
/usr/include/z3++.h:                Z3_THROW(exception(Z3_get_error_msg(m_ctx,
e)));
/usr/include/z3++.h:            return e;
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            auto str = std::to_string(value);
/usr/include/z3++.h:            Z3_update_param_value(m_ctx, param,
str.c_str());
/usr/include/z3++.h:        symbol str_symbol(char const * s);
/usr/include/z3++.h:        symbol int_symbol(int n);
/usr/include/z3++.h:        sort bool_sort();
/usr/include/z3++.h:        sort int_sort();
/usr/include/z3++.h:        sort real_sort();
/usr/include/z3++.h:        sort bv_sort(unsigned sz);
/usr/include/z3++.h:        sort string_sort();
/usr/include/z3++.h:        sort seq_sort(sort& s);
/usr/include/z3++.h:        sort re_sort(sort& seq_sort);
/usr/include/z3++.h:        sort array_sort(sort d, sort r);
/usr/include/z3++.h:        sort array_sort(sort_vector const& d, sort r);
/usr/include/z3++.h:        sort fpa_sort(unsigned ebits, unsigned sbits);
/usr/include/z3++.h:        sort fpa_sort();
/usr/include/z3++.h:        sort fpa_rounding_mode_sort();
/usr/include/z3++.h:        void set_rounding_mode(rounding_mode rm);
/usr/include/z3++.h:        sort enumeration_sort(char const * name, unsigned n,
char const * const * enum_names, func_decl_vector & cs, func_decl_vector & ts);
/usr/include/z3++.h:        func_decl tuple_sort(char const * name, unsigned n,
char const * const * names, sort const* sorts, func_decl_vector & projs);
/usr/include/z3++.h:        sort uninterpreted_sort(char const* name);
/usr/include/z3++.h:        sort uninterpreted_sort(symbol const& name);
/usr/include/z3++.h:        func_decl function(symbol const & name, unsigned
arity, sort const * domain, sort const & range);
/usr/include/z3++.h:        func_decl function(char const * name, unsigned
arity, sort const * domain, sort const & range);
/usr/include/z3++.h:        func_decl function(symbol const&  name, sort_vector
const& domain, sort const& range);
/usr/include/z3++.h:        func_decl function(char const * name, sort_vector
const& domain, sort const& range);
/usr/include/z3++.h:        func_decl function(char const * name, sort const &
domain, sort const & range);
/usr/include/z3++.h:        func_decl function(char const * name, sort const &
d1, sort const & d2, sort const & range)
/usr/include/z3++.h:        func_decl function(char const * name, sort const &
d1, sort const & d2, sort const & d3, sort const & range);
/usr/include/z3++.h:        func_decl function(char const * name, sort const &
d1, sort const & d2, sort const & d3, sort const & d4, sort const & range);
/usr/include/z3++.h:        func_decl function(char const * name, sort const &
d1, sort const & d2, sort const & d3, sort const & d4, sort const & d5, sort
const & range);
/usr/include/z3++.h:        func_decl recfun(symbol const & name, unsigned
arity, sort const * domain, sort const & range);
/usr/include/z3++.h:        func_decl recfun(char const * name, unsigned arity,
sort const * domain, sort const & range
/usr/include/z3++.h:        func_decl recfun(char const * name, sort const &
domain, sort const & range);
/usr/include/z3++.h:        func_decl recfun(char const * name, sort const & d1,
sort const & d2, sort const & range);
/usr/include/z3++.h:        void      recdef(func_decl, expr_vector const& args,
expr const& body);
/usr/include/z3++.h:        expr constant(symbol const & name, sort const & s);
/usr/include/z3++.h:        expr constant(char const * name, sort const & s);
```

```
/usr/include/z3++.h:        expr bool_const(char const * name);
/usr/include/z3++.h:        expr int_const(char const * name);
/usr/include/z3++.h:        expr real_const(char const * name);
/usr/include/z3++.h:        expr string_const(char const * name);
/usr/include/z3++.h:        expr bv_const(char const * name, unsigned sz);
/usr/include/z3++.h:        expr fpa_const(char const * name, unsigned ebits,
unsigned sbits);
/usr/include/z3++.h:        expr fpa_const(char const * name);
/usr/include/z3++.h:        expr fpa_rounding_mode();
/usr/include/z3++.h:        expr bool_val(bool b);
/usr/include/z3++.h:        expr int_val(int n);
/usr/include/z3++.h:        expr int_val(unsigned n);
/usr/include/z3++.h:        expr int_val(int64_t n);
/usr/include/z3++.h:        expr int_val(uint64_t n);
/usr/include/z3++.h:        expr int_val(char const * n);
/usr/include/z3++.h:        expr real_val(int n, int d);
/usr/include/z3++.h:        expr real_val(int n);
/usr/include/z3++.h:        expr real_val(unsigned n);
/usr/include/z3++.h:        expr real_val(int64_t n);
/usr/include/z3++.h:        expr real_val(uint64_t n);
/usr/include/z3++.h:        expr real_val(char const * n);
/usr/include/z3++.h:        expr bv_val(int n, unsigned sz);
/usr/include/z3++.h:        expr bv_val(unsigned n, unsigned sz);
/usr/include/z3++.h:        expr bv_val(int64_t n, unsigned sz);
/usr/include/z3++.h:        expr bv_val(uint64_t n, unsigned sz);
/usr/include/z3++.h:        expr bv_val(char const * n, unsigned sz);
/usr/include/z3++.h:        expr bv_val(unsigned n, bool const* bits);
/usr/include/z3++.h:        expr fpa_val(double n);
/usr/include/z3++.h:        expr fpa_val(float n);
/usr/include/z3++.h:        expr fpa_nan(sort const & s);
/usr/include/z3++.h:        expr fpa_inf(sort const & s, bool sgn);
/usr/include/z3++.h:        expr string_val(char const* s);
/usr/include/z3++.h:        expr string_val(char const* s, unsigned n);
/usr/include/z3++.h:        expr string_val(std::string const& s);
/usr/include/z3++.h:        expr num_val(int n, sort const & s);
/usr/include/z3++.h:        expr_vector parse_string(char const* s);
/usr/include/z3++.h:        expr_vector parse_file(char const* file);
/usr/include/z3++.h:        expr_vector parse_string(char const* s, sort_vector
const& sorts, func_decl_vector const& decls);
/usr/include/z3++.h:        expr_vector parse_file(char const* s, sort_vector
const& sorts, func_decl_vector const& decls);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        context m_ctx;
/usr/include/z3++.h:    };
/usr/include/z3++.h:        std::unique_ptr<T[]> m_array;
/usr/include/z3++.h:        unsigned m_size;
/usr/include/z3++.h:        array(array const &) = delete;
/usr/include/z3++.h:        array & operator=(array const &) = delete;
/usr/include/z3++.h:        array(ast_vector_tpl<T2> const & v);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        context * m_ctx;
/usr/include/z3++.h:        friend void check_context(object const & a, object
const & b);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_symbol m_sym;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
symbol const & s);
/usr/include/z3++.h:    };
/usr/include/z3++.h:            out << "k!" << s.to_int();
/usr/include/z3++.h:            out << s.str();
/usr/include/z3++.h:        return out;
/usr/include/z3++.h:        Z3_param_descrs m_descrs;
/usr/include/z3++.h:            Z3_param_descrs_inc_ref(o.ctx(), o.m_descrs);
/usr/include/z3++.h:            Z3_param_descrs_dec_ref(ctx(), m_descrs);
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/usr/include/z3++.h:            m_descrs = o.m_descrs;
/usr/include/z3++.h:            object::operator=(o);
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_params m_params;
/usr/include/z3++.h:            Z3_params_inc_ref(s.ctx(), s.m_params);
/usr/include/z3++.h:            Z3_params_dec_ref(ctx(), m_params);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_params = s.m_params;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
params const & p);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        out << Z3_params_to_string(p.ctx(), p); return out;
/usr/include/z3++.h:        Z3_ast    m_ast;
/usr/include/z3++.h:            Z3_inc_ref(s.ctx(), s.m_ast);
/usr/include/z3++.h:                Z3_dec_ref(ctx(), m_ast);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_ast = s.m_ast;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:                object::operator=(std::forward<object>(s));
/usr/include/z3++.h:                m_ast = s.m_ast;
/usr/include/z3++.h:                s.m_ast = nullptr;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
ast const & n);
/usr/include/z3++.h:        friend bool eq(ast const & a, ast const & b);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        out << Z3_ast_to_string(n.ctx(), n.m_ast); return
out;
/usr/include/z3++.h:        Z3_ast_vector m_vector;
/usr/include/z3++.h:            Z3_ast_vector_inc_ref(s.ctx(), s.m_vector);
/usr/include/z3++.h:            Z3_ast_vector_dec_ref(ctx(), m_vector);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_vector = s.m_vector;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            Z3_ast_vector_set(ctx(), m_vector, idx, a);
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            for (T y : *this) if (eq(x, y)) return true;
/usr/include/z3++.h:            return false;
/usr/include/z3++.h:            ast_vector_tpl const* m_vector;
/usr/include/z3++.h:            unsigned m_index;
/usr/include/z3++.h:                return other.m_index == m_index;
/usr/include/z3++.h:            };
/usr/include/z3++.h:                return other.m_index != m_index;
/usr/include/z3++.h:            };
/usr/include/z3++.h:                ++m_index;
/usr/include/z3++.h:                return *this;
/usr/include/z3++.h:                Z3_ast_vector_set(m_vector->ctx(),
*m_vector, m_index, arg);
/usr/include/z3++.h:        };
/usr/include/z3++.h:    };
/usr/include/z3++.h:    };
/usr/include/z3++.h:        expr operator()() const;
/usr/include/z3++.h:        expr operator()(unsigned n, expr const * args)
const;
/usr/include/z3++.h:        expr operator()(expr_vector const& v) const;
/usr/include/z3++.h:        expr operator()(expr const & a) const;
/usr/include/z3++.h:        expr operator()(int a) const;
/usr/include/z3++.h:        expr operator()(expr const & a1, expr const & a2)
const;
/usr/include/z3++.h:        expr operator()(expr const & a1, int a2) const;
/usr/include/z3++.h:        expr operator()(int a1, expr const & a2) const;
/usr/include/z3++.h:        expr operator()(expr const & a1, expr const & a2,
```

```
expr const & a3) const;
/usr/include/z3++.h:        expr operator()(expr const & a1, expr const & a2,
expr const & a3, expr const & a4) const;
/usr/include/z3++.h:        expr operator()(expr const & a1, expr const & a2,
expr const & a3, expr const & a4, expr const & a5) const;
/usr/include/z3++.h:    };
/usr/include/z3++.h:    expr select(expr const & a, expr const& i);
/usr/include/z3++.h:    expr select(expr const & a, expr_vector const & i);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_is_infinite(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_is_nan(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_is_normal(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_is_subnormal(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_is_zero(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_fpa());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_to_ieee_bv(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_bv());
/usr/include/z3++.h:            Z3_ast r = Z3_mk_fpa_to_fp_bv(ctx(), m_ast, s);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_numeral() || is_algebraic());
/usr/include/z3++.h:            return
std::string(Z3_get_numeral_decimal_string(ctx(), m_ast, precision));
/usr/include/z3++.h:            Z3_ast r = Z3_get_algebraic_number_lower(ctx(),
m_ast, precision);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_get_algebraic_number_upper(ctx(),
m_ast, precision);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_algebraic());
/usr/include/z3++.h:            Z3_ast_vector r = Z3_algebraic_get_poly(ctx(),
m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr_vector(ctx(), r);
/usr/include/z3++.h:            assert(is_algebraic());
/usr/include/z3++.h:            unsigned i = Z3_algebraic_get_i(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return i;
/usr/include/z3++.h:            int result = 0;
/usr/include/z3++.h:                assert(ctx().enable_exceptions());
/usr/include/z3++.h:                if (!ctx().enable_exceptions()) return 0;
/usr/include/z3++.h:                Z3_THROW(exception("numeral does not fit in
machine int"));
/usr/include/z3++.h:            return result;
/usr/include/z3++.h:            assert(is_numeral());
/usr/include/z3++.h:            unsigned result = 0;
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/usr/include/z3++.h:                assert(ctx().enable_exceptions());
/usr/include/z3++.h:                if (!ctx().enable_exceptions()) return 0;
/usr/include/z3++.h:                Z3_THROW(exception("numeral does not fit in
machine uint"));
/usr/include/z3++.h:            return result;
/usr/include/z3++.h:            assert(is_numeral());
/usr/include/z3++.h:            int64_t result = 0;
/usr/include/z3++.h:                assert(ctx().enable_exceptions());
/usr/include/z3++.h:                if (!ctx().enable_exceptions()) return 0;
/usr/include/z3++.h:                Z3_THROW(exception("numeral does not fit in
machine int64_t"));
/usr/include/z3++.h:            return result;
/usr/include/z3++.h:            assert(is_numeral());
/usr/include/z3++.h:            uint64_t result = 0;
/usr/include/z3++.h:                assert(ctx().enable_exceptions());
/usr/include/z3++.h:                if (!ctx().enable_exceptions()) return 0;
/usr/include/z3++.h:                Z3_THROW(exception("numeral does not fit in
machine uint64_t"));
/usr/include/z3++.h:            return result;
/usr/include/z3++.h:            return Z3_get_bool_value(ctx(), m_ast);
/usr/include/z3++.h:            assert(is_numeral());
/usr/include/z3++.h:            Z3_ast r = Z3_get_numerator(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(),r);
/usr/include/z3++.h:            assert(is_numeral());
/usr/include/z3++.h:            Z3_ast r = Z3_get_denominator(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(),r);
/usr/include/z3++.h:            assert(is_string_value());
/usr/include/z3++.h:            char const* s = Z3_get_string(ctx(), m_ast);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return std::string(s);
/usr/include/z3++.h:            assert(is_string_value());
/usr/include/z3++.h:            unsigned n;
/usr/include/z3++.h:            char const* s = Z3_get_lstring(ctx(), m_ast,
&n);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return std::string(s, n);
/usr/include/z3++.h:        friend expr operator!(expr const & a);
/usr/include/z3++.h:        friend expr operator&&(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator&&(expr const & a, bool b);
/usr/include/z3++.h:        friend expr operator&&(bool a, expr const & b);
/usr/include/z3++.h:        friend expr operator||(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator||(expr const & a, bool b);
/usr/include/z3++.h:        friend expr operator||(bool a, expr const & b);
/usr/include/z3++.h:        friend expr implies(expr const & a, expr const & b);
/usr/include/z3++.h:        friend expr implies(expr const & a, bool b);
/usr/include/z3++.h:        friend expr implies(bool a, expr const & b);
/usr/include/z3++.h:        friend expr mk_or(expr_vector const& args);
/usr/include/z3++.h:        friend expr mk_and(expr_vector const& args);
/usr/include/z3++.h:        friend expr ite(expr const & c, expr const & t, expr
const & e);
/usr/include/z3++.h:        friend expr distinct(expr_vector const& args);
/usr/include/z3++.h:        friend expr concat(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr concat(expr_vector const& args);
/usr/include/z3++.h:        friend expr operator==(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator==(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator==(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator!=(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator!=(expr const & a, int b);
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/usr/include/z3++.h:        friend expr operator!=(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator+(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator+(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator+(int a, expr const & b);
/usr/include/z3++.h:        friend expr sum(expr_vector const& args);
/usr/include/z3++.h:        friend expr operator*(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator*(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator*(int a, expr const & b);
/usr/include/z3++.h:        friend expr pw(expr const & a, expr const & b);
/usr/include/z3++.h:        friend expr pw(expr const & a, int b);
/usr/include/z3++.h:        friend expr pw(int a, expr const & b);
/usr/include/z3++.h:        friend expr mod(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr mod(expr const& a, int b);
/usr/include/z3++.h:        friend expr mod(int a, expr const& b);
/usr/include/z3++.h:        friend expr rem(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr rem(expr const& a, int b);
/usr/include/z3++.h:        friend expr rem(int a, expr const& b);
/usr/include/z3++.h:        friend expr is_int(expr const& e);
/usr/include/z3++.h:        friend expr operator/(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator/(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator/(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator-(expr const & a);
/usr/include/z3++.h:        friend expr operator-(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator-(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator-(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator<=(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator<=(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator<=(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator>=(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator>=(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator>=(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator<(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator<(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator<(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator>(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator>(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator>(int a, expr const & b);
/usr/include/z3++.h:        friend expr pble(expr_vector const& es, int const *
coeffs, int bound);
/usr/include/z3++.h:        friend expr pbge(expr_vector const& es, int const *
coeffs, int bound);
/usr/include/z3++.h:        friend expr pbeq(expr_vector const& es, int const *
coeffs, int bound);
/usr/include/z3++.h:        friend expr atmost(expr_vector const& es, unsigned
bound);
/usr/include/z3++.h:        friend expr atleast(expr_vector const& es, unsigned
bound);
/usr/include/z3++.h:        friend expr operator&(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator&(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator&(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator^(expr const & a, expr const &
b);
/usr/include/z3++.h:        friend expr operator^(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator^(int a, expr const & b);
/usr/include/z3++.h:        friend expr operator|(expr const & a, expr const &
```

```
b);
/usr/include/z3++.h:        friend expr operator|(expr const & a, int b);
/usr/include/z3++.h:        friend expr operator|(int a, expr const & b);
/usr/include/z3++.h:        friend expr nand(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr nor(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr xnor(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr min(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr max(expr const& a, expr const& b);
/usr/include/z3++.h:        friend expr int2bv(unsigned n, expr const& a);
/usr/include/z3++.h:        friend expr bvadd_no_overflow(expr const& a, expr
const& b, bool is_signed);
/usr/include/z3++.h:        friend expr bvadd_no_underflow(expr const& a, expr
const& b);
/usr/include/z3++.h:        friend expr bvsub_no_overflow(expr const& a, expr
const& b);
/usr/include/z3++.h:        friend expr bvsub_no_underflow(expr const& a, expr
const& b, bool is_signed);
/usr/include/z3++.h:        friend expr bvsdiv_no_overflow(expr const& a, expr
const& b);
/usr/include/z3++.h:        friend expr bvneg_no_overflow(expr const& a);
/usr/include/z3++.h:        friend expr bvmul_no_overflow(expr const& a, expr
const& b, bool is_signed);
/usr/include/z3++.h:        friend expr bvmul_no_underflow(expr const& a, expr
const& b);
/usr/include/z3++.h:        friend expr bvredor(expr const & a);
/usr/include/z3++.h:        friend expr bvredand(expr const & a);
/usr/include/z3++.h:        friend expr abs(expr const & a);
/usr/include/z3++.h:        friend expr sqrt(expr const & a, expr const & rm);
/usr/include/z3++.h:        friend expr fp_eq(expr const & a, expr const & b);
/usr/include/z3++.h:        friend expr operator~(expr const & a);
/usr/include/z3++.h:        friend expr fma(expr const& a, expr const& b, expr
const& c, expr const& rm);
/usr/include/z3++.h:        friend expr fpa_fp(expr const& sgn, expr const& exp,
expr const& sig);
/usr/include/z3++.h:        friend expr fpa_to_sbv(expr const& t, unsigned sz);
/usr/include/z3++.h:        friend expr fpa_to_ubv(expr const& t, unsigned sz);
/usr/include/z3++.h:        friend expr sbv_to_fpa(expr const& t, sort s);
/usr/include/z3++.h:        friend expr ubv_to_fpa(expr const& t, sort s);
/usr/include/z3++.h:        friend expr fpa_to_fpa(expr const& t, sort s);
/usr/include/z3++.h:        friend expr round_fpa_to_closest_integer(expr const&
t);
/usr/include/z3++.h:            check_context(*this, offset);
check_context(offset, length);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_extract(ctx(), *this,
offset, length); check_error(); return expr(ctx(), r);
/usr/include/z3++.h:            check_context(*this, src); check_context(src,
dst);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_replace(ctx(), *this, src,
dst);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_unit(ctx(), *this);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            check_context(*this, s);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_contains(ctx(), *this, s);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            check_context(*this, index);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_at(ctx(), *this, index);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            check_context(*this, index);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_nth(ctx(), *this, index);
```

```
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_seq_length(ctx(), *this);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_str_to_int(ctx(), *this);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_int_to_str(ctx(), *this);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:        friend expr range(expr const& lo, expr const& hi);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_re_loop(ctx(), m_ast, lo, 0);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_mk_re_loop(ctx(), m_ast, lo, hi);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(is_array() || is_seq());
/usr/include/z3++.h:                return select(*this, index);
/usr/include/z3++.h:            return select(*this, index);
/usr/include/z3++.h:        expr substitute(expr_vector const& src, expr_vector
const& dst);
/usr/include/z3++.h:        expr substitute(expr_vector const& dst);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        assert(a.is_bool() && b.is_bool());
/usr/include/z3++.h:        _Z3_MK_BIN_(a, b, Z3_mk_implies);
/usr/include/z3++.h:            _Z3_MK_BIN_(a, b, Z3_mk_fpa_rem);
/usr/include/z3++.h:            _Z3_MK_BIN_(a, b, Z3_mk_rem);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        assert(a.is_bool() && b.is_bool());
/usr/include/z3++.h:        Z3_ast args[2] = { a, b };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_and(a.ctx(), 2, args);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        assert(a.is_bool() && b.is_bool());
/usr/include/z3++.h:        Z3_ast args[2] = { a, b };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_or(a.ctx(), 2, args);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_eq(a.ctx(), a, b);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast args[2] = { a, b };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_distinct(a.ctx(), 2, args);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            Z3_ast args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_add(a.ctx(), 2, args);
/usr/include/z3++.h:            r = Z3_mk_bvadd(a.ctx(), a, b);
/usr/include/z3++.h:            return concat(a, b);
/usr/include/z3++.h:            Z3_ast _args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_re_union(a.ctx(), 2, _args);
/usr/include/z3++.h:            r = Z3_mk_fpa_add(a.ctx(),
a.ctx().fpa_rounding_mode(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
```

```
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            Z3_ast args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_mul(a.ctx(), 2, args);
/usr/include/z3++.h:            r = Z3_mk_bvmul(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_mul(a.ctx(),
a.ctx().fpa_rounding_mode(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_ge(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_bvsge(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_geq(a.ctx(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_div(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_bvsdiv(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_div(a.ctx(),
a.ctx().fpa_rounding_mode(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_unary_minus(a.ctx(), a);
/usr/include/z3++.h:            r = Z3_mk_bvneg(a.ctx(), a);
/usr/include/z3++.h:            r = Z3_mk_fpa_neg(a.ctx(), a);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            Z3_ast args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_sub(a.ctx(), 2, args);
/usr/include/z3++.h:            r = Z3_mk_bvsub(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_sub(a.ctx(),
a.ctx().fpa_rounding_mode(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_le(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_bvsle(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_leq(a.ctx(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_lt(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_bvslt(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_lt(a.ctx(), a, b);
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = 0;
/usr/include/z3++.h:            r = Z3_mk_gt(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_bvsgt(a.ctx(), a, b);
/usr/include/z3++.h:            r = Z3_mk_fpa_gt(a.ctx(), a, b);
```

```
/usr/include/z3++.h:            assert(false);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        Z3_ast r;
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_ge(a.ctx(), a, b),
b, a);
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_bvuge(a.ctx(), a,
b), b, a);
/usr/include/z3++.h:            assert(a.is_fpa());
/usr/include/z3++.h:        Z3_ast r;
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_ge(a.ctx(), a, b),
a, b);
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_bvuge(a.ctx(), a,
b), a, b);
/usr/include/z3++.h:            assert(a.is_fpa());
/usr/include/z3++.h:        assert(a.is_bv());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_bvredor(a.ctx(), a);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        assert(a.is_bv());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_bvredor(a.ctx(), a);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        Z3_ast r;
/usr/include/z3++.h:            expr zero = a.ctx().int_val(0);
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_ge(a.ctx(), a,
zero), a, -a);
/usr/include/z3++.h:            expr zero = a.ctx().real_val(0);
/usr/include/z3++.h:            r = Z3_mk_ite(a.ctx(), Z3_mk_ge(a.ctx(), a,
zero), a, -a);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        check_context(a, rm);
/usr/include/z3++.h:        assert(a.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_sqrt(a.ctx(), rm, a);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        assert(a.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_eq(a.ctx(), a, b);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b); check_context(a, c);
check_context(a, rm);
/usr/include/z3++.h:        assert(a.is_fpa() && b.is_fpa() && c.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_fma(a.ctx(), rm, a, b, c);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(sgn, exp); check_context(exp, sig);
/usr/include/z3++.h:        assert(sgn.is_bv() && exp.is_bv() && sig.is_bv());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_fp(sgn.ctx(), sgn, exp, sig);
/usr/include/z3++.h:        sgn.check_error();
/usr/include/z3++.h:        return expr(sgn.ctx(), r);
/usr/include/z3++.h:        assert(t.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_to_sbv(t.ctx(),
t.ctx().fpa_rounding_mode(), t, sz);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        assert(t.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_to_ubv(t.ctx(),
t.ctx().fpa_rounding_mode(), t, sz);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        assert(t.is_bv());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_to_fp_signed(t.ctx(),
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t.ctx().fpa_rounding_mode(), t, s);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        assert(t.is_bv());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_to_fp_unsigned(t.ctx(),
t.ctx().fpa_rounding_mode(), t, s);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        assert(t.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_to_fp_float(t.ctx(),
t.ctx().fpa_rounding_mode(), t, s);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        assert(t.is_fpa());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_fpa_round_to_integral(t.ctx(),
t.ctx().fpa_rounding_mode(), t);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return expr(t.ctx(), r);
/usr/include/z3++.h:        check_context(c, t); check_context(c, e);
/usr/include/z3++.h:        assert(c.is_bool());
/usr/include/z3++.h:        Z3_ast r = Z3_mk_ite(c.ctx(), c, t, e);
/usr/include/z3++.h:        c.check_error();
/usr/include/z3++.h:        return expr(c.ctx(), r);
/usr/include/z3++.h:        c.check_error();
/usr/include/z3++.h:               Z3_get_ast_kind(c, a) == Z3_QUANTIFIER_AST);
/usr/include/z3++.h:        return expr(c, a);
/usr/include/z3++.h:        c.check_error();
/usr/include/z3++.h:        return sort(c, s);
/usr/include/z3++.h:        c.check_error();
/usr/include/z3++.h:        return func_decl(c, f);
/usr/include/z3++.h:        return to_func_decl(a.ctx(),
Z3_mk_linear_order(a.ctx(), a, index));
/usr/include/z3++.h:        return to_func_decl(a.ctx(),
Z3_mk_partial_order(a.ctx(), a, index));
/usr/include/z3++.h:        return to_func_decl(a.ctx(),
Z3_mk_piecewise_linear_order(a.ctx(), a, index));
/usr/include/z3++.h:        return to_func_decl(a.ctx(),
Z3_mk_tree_order(a.ctx(), a, index));
/usr/include/z3++.h:    };
/usr/include/z3++.h:                    Z3_get_ast_kind(c, a) == Z3_VAR_AST);
/usr/include/z3++.h:            return expr(c, a);
/usr/include/z3++.h:    };
/usr/include/z3++.h:            assert(Z3_get_ast_kind(c, a) == Z3_SORT_AST);
/usr/include/z3++.h:            return sort(c, reinterpret_cast<Z3_sort>(a));
/usr/include/z3++.h:    };
/usr/include/z3++.h:            assert(Z3_get_ast_kind(c, a) ==
Z3_FUNC_DECL_AST);
/usr/include/z3++.h:            return func_decl(c,
reinterpret_cast<Z3_func_decl>(a));
/usr/include/z3++.h:    };
/usr/include/z3++.h:            m_array[i] = v[i];
/usr/include/z3++.h:        check_context(x, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_forall_const(b.ctx(), 0, 1, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_forall_const(b.ctx(), 0, 2, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_forall_const(b.ctx(), 0, 3, vars,
```

```
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b); check_context(x4, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3, (Z3_app) x4 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_forall_const(b.ctx(), 0, 4, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        array<Z3_app> vars(xs);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_forall_const(b.ctx(), 0,
vars.size(), vars.ptr(), 0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_exists_const(b.ctx(), 0, 1, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_exists_const(b.ctx(), 0, 2, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_exists_const(b.ctx(), 0, 3, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b); check_context(x4, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3, (Z3_app) x4 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_exists_const(b.ctx(), 0, 4, vars,
0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        array<Z3_app> vars(xs);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_exists_const(b.ctx(), 0,
vars.size(), vars.ptr(), 0, 0, b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        check_context(x, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_lambda_const(b.ctx(), 1, vars, b);
b.check_error(); return expr(b.ctx(), r
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2};
/usr/include/z3++.h:        Z3_ast r = Z3_mk_lambda_const(b.ctx(), 2, vars, b);
b.check_error(); return expr(b.ctx(), r
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_lambda_const(b.ctx(), 3, vars, b);
b.check_error(); return expr(b.ctx(), r
/usr/include/z3++.h:        check_context(x1, b); check_context(x2, b);
check_context(x3, b); check_context(x4, b);
/usr/include/z3++.h:        Z3_app vars[] = {(Z3_app) x1, (Z3_app) x2, (Z3_app)
x3, (Z3_app) x4 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_lambda_const(b.ctx(), 4, vars, b);
b.check_error(); return expr(b.ctx(), r
/usr/include/z3++.h:        array<Z3_app> vars(xs);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_lambda_const(b.ctx(), vars.size(),
vars.ptr(), b); b.check_error(); return expr(b.ctx(), r);
/usr/include/z3++.h:        assert(es.size() > 0);
/usr/include/z3++.h:        context& ctx = es[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _es(es);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_pble(ctx, _es.size(), _es.ptr(),
coeffs, bound);
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(es.size() > 0);
```

```
/usr/include/z3++.h:        context& ctx = es[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _es(es);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_pbge(ctx, _es.size(), _es.ptr(),
coeffs, bound);
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(es.size() > 0);
/usr/include/z3++.h:        context& ctx = es[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _es(es);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_pbeq(ctx, _es.size(), _es.ptr(),
coeffs, bound);
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(es.size() > 0);
/usr/include/z3++.h:        context& ctx = es[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _es(es);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_atmost(ctx, _es.size(), _es.ptr(),
bound);
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(es.size() > 0);
/usr/include/z3++.h:        context& ctx = es[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _es(es);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_atleast(ctx, _es.size(), _es.ptr(),
bound);
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(args.size() > 0);
/usr/include/z3++.h:        context& ctx = args[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_add(ctx, _args.size(),
_args.ptr());
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        assert(args.size() > 0);
/usr/include/z3++.h:        context& ctx = args[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_distinct(ctx, _args.size(),
_args.ptr());
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r;
/usr/include/z3++.h:            Z3_ast _args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_seq_concat(a.ctx(), 2, _args);
/usr/include/z3++.h:            Z3_ast _args[2] = { a, b };
/usr/include/z3++.h:            r = Z3_mk_re_concat(a.ctx(), 2, _args);
/usr/include/z3++.h:            r = Z3_mk_concat(a.ctx(), a, b);
/usr/include/z3++.h:        a.ctx().check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        Z3_ast r;
/usr/include/z3++.h:        assert(args.size() > 0);
/usr/include/z3++.h:            return args[0];
/usr/include/z3++.h:        context& ctx = args[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:            r = Z3_mk_seq_concat(ctx, _args.size(),
_args.ptr());
/usr/include/z3++.h:            r = Z3_mk_re_concat(ctx, _args.size(),
_args.ptr());
/usr/include/z3++.h:            r = _args[args.size()-1];
/usr/include/z3++.h:                --i;
/usr/include/z3++.h:                r = Z3_mk_concat(ctx, _args[i], r);
/usr/include/z3++.h:                ctx.check_error();
/usr/include/z3++.h:        ctx.check_error();
```

```
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_or(args.ctx(), _args.size(),
_args.ptr());
/usr/include/z3++.h:        args.check_error();
/usr/include/z3++.h:        return expr(args.ctx(), r);
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_and(args.ctx(), _args.size(),
_args.ptr());
/usr/include/z3++.h:        args.check_error();
/usr/include/z3++.h:        return expr(args.ctx(), r);
/usr/include/z3++.h:        Z3_func_entry m_entry;
/usr/include/z3++.h:            m_entry = e;
/usr/include/z3++.h:            Z3_func_entry_inc_ref(ctx(), m_entry);
/usr/include/z3++.h:            Z3_func_entry_inc_ref(s.ctx(), s.m_entry);
/usr/include/z3++.h:            Z3_func_entry_dec_ref(ctx(), m_entry);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_entry = s.m_entry;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_func_interp m_interp;
/usr/include/z3++.h:            m_interp = e;
/usr/include/z3++.h:            Z3_func_interp_inc_ref(ctx(), m_interp);
/usr/include/z3++.h:            Z3_func_interp_inc_ref(s.ctx(), s.m_interp);
/usr/include/z3++.h:            Z3_func_interp_dec_ref(ctx(), m_interp);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_interp = s.m_interp;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            Z3_func_interp_add_entry(ctx(), m_interp, args,
value);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            Z3_func_interp_set_else(ctx(), m_interp, value);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_model m_model;
/usr/include/z3++.h:            m_model = m;
/usr/include/z3++.h:            Z3_model_inc_ref(ctx(), m);
/usr/include/z3++.h:        struct translate {};
/usr/include/z3++.h:            Z3_model_inc_ref(s.ctx(), s.m_model);
/usr/include/z3++.h:            Z3_model_dec_ref(ctx(), m_model);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_model = s.m_model;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            check_context(*this, n);
/usr/include/z3++.h:            Z3_ast r = 0;
/usr/include/z3++.h:            bool status = Z3_model_eval(ctx(), m_model, n,
model_completion, &r);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:                Z3_THROW(exception("failed to evaluate
expression"));
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            assert(0 <= i);
/usr/include/z3++.h:            return static_cast<unsigned>(i) < num_consts() ?
get_const_decl(i) : get_func_decl(i - num_consts());
/usr/include/z3++.h:            check_context(*this, c);
/usr/include/z3++.h:            Z3_ast r = Z3_model_get_const_interp(ctx(),
m_model, c);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            check_context(*this, f);
/usr/include/z3++.h:            Z3_func_interp r =
Z3_model_get_func_interp(ctx(), m_model, f);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return func_interp(ctx(), r);
```

```
/usr/include/z3++.h:            check_context(*this, f);
/usr/include/z3++.h:            return Z3_model_has_interp(ctx(), m_model, f);
/usr/include/z3++.h:            Z3_func_interp r = Z3_add_func_interp(ctx(),
m_model, f, else_val);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return func_interp(ctx(), r);
/usr/include/z3++.h:            Z3_add_const_interp(ctx(), m_model, f, value);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
model const & m);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_stats m_stats;
/usr/include/z3++.h:            m_stats = e;
/usr/include/z3++.h:            Z3_stats_inc_ref(ctx(), m_stats);
/usr/include/z3++.h:            Z3_stats_inc_ref(s.ctx(), s.m_stats);
/usr/include/z3++.h:            if (m_stats) Z3_stats_dec_ref(ctx(), m_stats);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_stats = s.m_stats;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
stats const & s);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        if (r == unsat) out << "unsat";
/usr/include/z3++.h:        else if (r == sat) out << "sat";
/usr/include/z3++.h:        else out << "unknown";
/usr/include/z3++.h:        return out;
/usr/include/z3++.h:        Z3_solver m_solver;
/usr/include/z3++.h:            m_solver = s;
/usr/include/z3++.h:            Z3_solver_inc_ref(ctx(), s);
/usr/include/z3++.h:        struct simple {};
/usr/include/z3++.h:        struct translate {};
/usr/include/z3++.h:            Z3_solver_inc_ref(s.ctx(), s.m_solver);
/usr/include/z3++.h:            Z3_solver_dec_ref(ctx(), m_solver);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_solver = s.m_solver;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            assert(e.is_bool()); assert(p.is_bool());
assert(p.is_const());
/usr/include/z3++.h:            Z3_solver_assert_and_track(ctx(), m_solver, e,
p);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            add(e, ctx().bool_const(p));
/usr/include/z3++.h:            array<Z3_ast> _assumptions(n);
/usr/include/z3++.h:                check_context(*this, assumptions[i]);
/usr/include/z3++.h:                _assumptions[i] = assumptions[i];
/usr/include/z3++.h:            Z3_lbool r = Z3_solver_check_assumptions(ctx(),
m_solver, n, _assumptions.ptr());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return to_check_result(r);
/usr/include/z3++.h:            unsigned n = assumptions.size();
/usr/include/z3++.h:            array<Z3_ast> _assumptions(n);
/usr/include/z3++.h:                check_context(*this, assumptions[i]);
/usr/include/z3++.h:                _assumptions[i] = assumptions[i];
/usr/include/z3++.h:            Z3_lbool r = Z3_solver_check_assumptions(ctx(),
m_solver, n, _assumptions.ptr());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return to_check_result(r);
/usr/include/z3++.h:            Z3_lbool r = Z3_solver_get_consequences(ctx(),
m_solver, assumptions, vars, conseq);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return to_check_result(r);
/usr/include/z3++.h:            expr_vector result(ctx(), r);
/usr/include/z3++.h:            unsigned sz = result.size();
/usr/include/z3++.h:            levels.resize(sz);
```

```
/usr/include/z3++.h:            Z3_solver_get_levels(ctx(), m_solver, r, sz,
levels.ptr());
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
solver const & s);
/usr/include/z3++.h:            array<Z3_ast> es(assertions());
/usr/include/z3++.h:            Z3_ast const* fmls = es.ptr();
/usr/include/z3++.h:            Z3_ast fml = 0;
/usr/include/z3++.h:            unsigned sz = es.size();
/usr/include/z3++.h:                --sz;
/usr/include/z3++.h:                fml = fmls[sz];
/usr/include/z3++.h:                fml = ctx().bool_val(true);
/usr/include/z3++.h:                                    fml));
/usr/include/z3++.h:            Z3_ast_vector r = Z3_solver_cube(ctx(),
m_solver, vars, cutoff);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr_vector(ctx(), r);
/usr/include/z3++.h:            solver&      m_solver;
/usr/include/z3++.h:            unsigned&    m_cutoff;
/usr/include/z3++.h:            expr_vector& m_vars;
/usr/include/z3++.h:            expr_vector  m_cube;
/usr/include/z3++.h:            bool         m_end;
/usr/include/z3++.h:            bool         m_empty;
/usr/include/z3++.h:                assert(!m_end && !m_empty);
/usr/include/z3++.h:                m_cube = m_solver.cube(m_vars, m_cutoff);
/usr/include/z3++.h:                m_cutoff = 0xFFFFFFFF;
/usr/include/z3++.h:                    m_cube =
z3::expr_vector(m_solver.ctx());
/usr/include/z3++.h:                    m_end = true;
/usr/include/z3++.h:                    m_empty = true;
/usr/include/z3++.h:                    inc();
/usr/include/z3++.h:                assert(!m_end);
/usr/include/z3++.h:                    m_end = true;
/usr/include/z3++.h:                    inc();
/usr/include/z3++.h:                return *this;
/usr/include/z3++.h:                return other.m_end == m_end;
/usr/include/z3++.h:            };
/usr/include/z3++.h:                return other.m_end != m_end;
/usr/include/z3++.h:            };
/usr/include/z3++.h:        };
/usr/include/z3++.h:            solver&      m_solver;
/usr/include/z3++.h:            unsigned     m_cutoff;
/usr/include/z3++.h:            expr_vector  m_default_vars;
/usr/include/z3++.h:            expr_vector& m_vars;
/usr/include/z3++.h:        };
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_goal m_goal;
/usr/include/z3++.h:            m_goal = s;
/usr/include/z3++.h:            Z3_goal_inc_ref(ctx(), s);
/usr/include/z3++.h:            Z3_goal_inc_ref(s.ctx(), s.m_goal);
/usr/include/z3++.h:            Z3_goal_dec_ref(ctx(), m_goal);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_goal = s.m_goal;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            check_context(*this, m);
/usr/include/z3++.h:            Z3_model new_m = Z3_goal_convert_model(ctx(),
m_goal, m);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return model(ctx(), new_m);
/usr/include/z3++.h:            Z3_model new_m = Z3_goal_convert_model(ctx(),
m_goal, 0);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return model(ctx(), new_m);
/usr/include/z3++.h:            unsigned n = size();
/usr/include/z3++.h:                return ctx().bool_val(true);
```

```
/usr/include/z3++.h:                return operator[](0);
/usr/include/z3++.h:                array<Z3_ast> args(n);
/usr/include/z3++.h:                    args[i] = operator[](i);
/usr/include/z3++.h:                return expr(ctx(), Z3_mk_and(ctx(), n,
args.ptr()));
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
goal const & g);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_apply_result m_apply_result;
/usr/include/z3++.h:            m_apply_result = s;
/usr/include/z3++.h:            Z3_apply_result_inc_ref(ctx(), s);
/usr/include/z3++.h:            Z3_apply_result_inc_ref(s.ctx(),
s.m_apply_result);
/usr/include/z3++.h:            Z3_apply_result_dec_ref(ctx(), m_apply_result);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_apply_result = s.m_apply_result;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
apply_result const & r);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_tactic m_tactic;
/usr/include/z3++.h:            m_tactic = s;
/usr/include/z3++.h:            Z3_tactic_inc_ref(ctx(), s);
/usr/include/z3++.h:            Z3_tactic_inc_ref(s.ctx(), s.m_tactic);
/usr/include/z3++.h:            Z3_tactic_dec_ref(ctx(), m_tactic);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_tactic = s.m_tactic;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            check_context(*this, g);
/usr/include/z3++.h:            Z3_apply_result r = Z3_tactic_apply(ctx(),
m_tactic, g);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return apply_result(ctx(), r);
/usr/include/z3++.h:            return apply(g);
/usr/include/z3++.h:        friend tactic operator&(tactic const & t1, tactic
const & t2);
/usr/include/z3++.h:        friend tactic operator|(tactic const & t1, tactic
const & t2);
/usr/include/z3++.h:        friend tactic repeat(tactic const & t, unsigned
max);
/usr/include/z3++.h:        friend tactic with(tactic const & t, params const &
p);
/usr/include/z3++.h:        friend tactic try_for(tactic const & t, unsigned
ms);
/usr/include/z3++.h:        friend tactic par_or(unsigned n, tactic const*
tactics);
/usr/include/z3++.h:        friend tactic par_and_then(tactic const& t1, tactic
const& t2);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        check_context(t1, t2);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_and_then(t1.ctx(), t1, t2);
/usr/include/z3++.h:        t1.check_error();
/usr/include/z3++.h:        return tactic(t1.ctx(), r);
/usr/include/z3++.h:        check_context(t1, t2);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_or_else(t1.ctx(), t1, t2);
/usr/include/z3++.h:        t1.check_error();
/usr/include/z3++.h:        return tactic(t1.ctx(), r);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_repeat(t.ctx(), t, max);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return tactic(t.ctx(), r);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_using_params(t.ctx(), t, p);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return tactic(t.ctx(), r);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_try_for(t.ctx(), t, ms);
```

```
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return tactic(t.ctx(), r);
/usr/include/z3++.h:            Z3_THROW(exception("a non-zero number of tactics
need to be passed to par_or"));
/usr/include/z3++.h:        array<Z3_tactic> buffer(n);
/usr/include/z3++.h:        for (unsigned i = 0; i < n; ++i) buffer[i] =
tactics[i];
/usr/include/z3++.h:        return tactic(tactics[0].ctx(),
Z3_tactic_par_or(tactics[0].ctx(), n, buffer.ptr()));
/usr/include/z3++.h:        check_context(t1, t2);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_par_and_then(t1.ctx(), t1,
t2);
/usr/include/z3++.h:        t1.check_error();
/usr/include/z3++.h:        return tactic(t1.ctx(), r);
/usr/include/z3++.h:        Z3_probe m_probe;
/usr/include/z3++.h:            m_probe = s;
/usr/include/z3++.h:            Z3_probe_inc_ref(ctx(), s);
/usr/include/z3++.h:            Z3_probe_inc_ref(s.ctx(), s.m_probe);
/usr/include/z3++.h:            Z3_probe_dec_ref(ctx(), m_probe);
/usr/include/z3++.h:            object::operator=(s);
/usr/include/z3++.h:            m_probe = s.m_probe;
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:        friend probe operator<=(probe const & p1, probe
const & p2);
/usr/include/z3++.h:        friend probe operator<=(probe const & p1, double
p2);
/usr/include/z3++.h:        friend probe operator<=(double p1, probe const &
p2);
/usr/include/z3++.h:        friend probe operator>=(probe const & p1, probe
const & p2);
/usr/include/z3++.h:        friend probe operator>=(probe const & p1, double
p2);
/usr/include/z3++.h:        friend probe operator>=(double p1, probe const &
p2);
/usr/include/z3++.h:        friend probe operator<(probe const & p1, probe const
& p2);
/usr/include/z3++.h:        friend probe operator<(probe const & p1, double p2);
/usr/include/z3++.h:        friend probe operator<(double p1, probe const & p2);
/usr/include/z3++.h:        friend probe operator>(probe const & p1, probe const
& p2);
/usr/include/z3++.h:        friend probe operator>(probe const & p1, double p2);
/usr/include/z3++.h:        friend probe operator>(double p1, probe const & p2);
/usr/include/z3++.h:        friend probe operator==(probe const & p1, probe
const & p2);
/usr/include/z3++.h:        friend probe operator==(probe const & p1, double
p2);
/usr/include/z3++.h:        friend probe operator==(double p1, probe const &
p2);
/usr/include/z3++.h:        friend probe operator&&(probe const & p1, probe
const & p2);
/usr/include/z3++.h:        friend probe operator||(probe const & p1, probe
const & p2);
/usr/include/z3++.h:        friend probe operator!(probe const & p);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_le(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_ge(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_lt(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_gt(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_eq(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
```

```
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_and(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        check_context(p1, p2); Z3_probe r =
Z3_probe_or(p1.ctx(), p1, p2); p1.check_error(); return probe(p1.ctx(), r);
/usr/include/z3++.h:        Z3_probe r = Z3_probe_not(p.ctx(), p);
p.check_error(); return probe(p.ctx(), r);
/usr/include/z3++.h:        Z3_optimize m_opt;
/usr/include/z3++.h:            unsigned m_h;
/usr/include/z3++.h:        };
/usr/include/z3++.h:            Z3_optimize_inc_ref(o.ctx(), o.m_opt);
/usr/include/z3++.h:            Z3_optimize_inc_ref(c, m_opt);
/usr/include/z3++.h:            add(expr_vector(c, src.assertions()));
/usr/include/z3++.h:            expr_vector v(c, src.objectives());
/usr/include/z3++.h:            for (expr_vector::iterator it = v.begin(); it !=
v.end(); ++it) minimize(*it);
/usr/include/z3++.h:            Z3_optimize_inc_ref(o.ctx(), o.m_opt);
/usr/include/z3++.h:            Z3_optimize_dec_ref(ctx(), m_opt);
/usr/include/z3++.h:            m_opt = o.m_opt;
/usr/include/z3++.h:            object::operator=(o);
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            assert(e.is_bool());
/usr/include/z3++.h:            Z3_optimize_assert(ctx(), m_opt, e);
/usr/include/z3++.h:            for (expr_vector::iterator it = es.begin(); it !
= es.end(); ++it) add(*it);
/usr/include/z3++.h:            assert(e.is_bool());
/usr/include/z3++.h:            Z3_optimize_assert_and_track(ctx(), m_opt, e,
t);
/usr/include/z3++.h:            assert(e.is_bool());
/usr/include/z3++.h:            add(e, ctx().bool_const(p));
/usr/include/z3++.h:            assert(e.is_bool());
/usr/include/z3++.h:            auto str = std::to_string(weight);
/usr/include/z3++.h:            return handle(Z3_optimize_assert_soft(ctx(),
m_opt, e, str.c_str(), 0));
/usr/include/z3++.h:            assert(e.is_bool());
/usr/include/z3++.h:            return handle(Z3_optimize_assert_soft(ctx(),
m_opt, e, weight, 0));
/usr/include/z3++.h:            return add_soft(e, weight);
/usr/include/z3++.h:            return handle(Z3_optimize_maximize(ctx(), m_opt,
e));
/usr/include/z3++.h:            return handle(Z3_optimize_minimize(ctx(), m_opt,
e));
/usr/include/z3++.h:            Z3_optimize_push(ctx(), m_opt);
/usr/include/z3++.h:            Z3_optimize_pop(ctx(), m_opt);
/usr/include/z3++.h:            unsigned n = asms.size();
/usr/include/z3++.h:            array<Z3_ast> _asms(n);
/usr/include/z3++.h:                check_context(*this, asms[i]);
/usr/include/z3++.h:                _asms[i] = asms[i];
/usr/include/z3++.h:            Z3_lbool r = Z3_optimize_check(ctx(), m_opt, n,
_asms.ptr());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return to_check_result(r);
/usr/include/z3++.h:            Z3_ast r = Z3_optimize_get_lower(ctx(), m_opt,
h.h());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            Z3_ast r = Z3_optimize_get_upper(ctx(), m_opt,
h.h());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:        friend std::ostream & operator<<(std::ostream & out,
optimize const & s);
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_fixedpoint m_fp;
/usr/include/z3++.h:            Z3_fixedpoint_inc_ref(o.ctx(), o.m_fp);
```

```
/usr/include/z3++.h:            Z3_fixedpoint_dec_ref(ctx(), m_fp);
/usr/include/z3++.h:            m_fp = o.m_fp;
/usr/include/z3++.h:            object::operator=(o);
/usr/include/z3++.h:            return *this;
/usr/include/z3++.h:            return expr_vector(ctx(), r);
/usr/include/z3++.h:            return expr_vector(ctx(), r);
/usr/include/z3++.h:            array<Z3_func_decl> rs(relations);
/usr/include/z3++.h:            Z3_lbool r =
Z3_fixedpoint_query_relations(ctx(), m_fp, rs.size(), rs.ptr());
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return to_check_result(r);
/usr/include/z3++.h:            Z3_ast r = Z3_fixedpoint_get_cover_delta(ctx(),
m_fp, level, p);
/usr/include/z3++.h:            check_error();
/usr/include/z3++.h:            return expr(ctx(), r);
/usr/include/z3++.h:            array<Z3_ast> qs(queries);
/usr/include/z3++.h:            return Z3_fixedpoint_to_string(ctx(), m_fp,
qs.size(), qs.ptr());
/usr/include/z3++.h:    };
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_fail_if(p.ctx(), p);
/usr/include/z3++.h:        p.check_error();
/usr/include/z3++.h:        return tactic(p.ctx(), r);
/usr/include/z3++.h:        check_context(p, t);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_when(t.ctx(), p, t);
/usr/include/z3++.h:        t.check_error();
/usr/include/z3++.h:        return tactic(t.ctx(), r);
/usr/include/z3++.h:        check_context(p, t1); check_context(p, t2);
/usr/include/z3++.h:        Z3_tactic r = Z3_tactic_cond(t1.ctx(), p, t1, t2);
/usr/include/z3++.h:        t1.check_error();
/usr/include/z3++.h:        return tactic(t1.ctx(), r);
/usr/include/z3++.h:        array<Z3_sort> dom(d);
/usr/include/z3++.h:        Z3_sort s = Z3_mk_array_sort_n(m_ctx, dom.size(),
dom.ptr(), r); check_error(); return sort(*this, s);
/usr/include/z3++.h:        array<Z3_symbol> _enum_names(n);
/usr/include/z3++.h:        array<Z3_func_decl> _cs(n);
/usr/include/z3++.h:        array<Z3_func_decl> _ts(n);
/usr/include/z3++.h:        Z3_symbol _name = Z3_mk_string_symbol(*this, name);
/usr/include/z3++.h:        sort s = to_sort(*this,
Z3_mk_enumeration_sort(*this, _name, n, _enum_names.ptr(), _cs.ptr(),
_ts.ptr()));
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return s;
/usr/include/z3++.h:        array<Z3_symbol> _names(n);
/usr/include/z3++.h:        array<Z3_sort> _sorts(n);
/usr/include/z3++.h:        array<Z3_func_decl> _projs(n);
/usr/include/z3++.h:        Z3_symbol _name = Z3_mk_string_symbol(*this, name);
/usr/include/z3++.h:        Z3_func_decl tuple;
/usr/include/z3++.h:        sort _ignore_s = to_sort(*this,
Z3_mk_tuple_sort(*this, _name, n, _names.ptr(), _sorts.ptr(), &tuple,
_projs.ptr()));
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, tuple);
/usr/include/z3++.h:        Z3_symbol _name = Z3_mk_string_symbol(*this, name);
/usr/include/z3++.h:        return to_sort(*this,
Z3_mk_uninterpreted_sort(*this, _name));
/usr/include/z3++.h:        return to_sort(*this,
Z3_mk_uninterpreted_sort(*this, name));
/usr/include/z3++.h:        array<Z3_sort> args(arity);
/usr/include/z3++.h:            check_context(domain[i], range);
/usr/include/z3++.h:            args[i] = domain[i];
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx, name, arity,
args.ptr(), range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
```

```
/usr/include/z3++.h:        return function(range.ctx().str_symbol(name), arity,
domain, range);
/usr/include/z3++.h:        array<Z3_sort> args(domain.size());
/usr/include/z3++.h:            check_context(domain[i], range);
/usr/include/z3++.h:            args[i] = domain[i];
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx, name,
domain.size(), args.ptr(), range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        return function(range.ctx().str_symbol(name),
domain, range);
/usr/include/z3++.h:        check_context(domain, range);
/usr/include/z3++.h:        Z3_sort args[1] = { domain };
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx,
str_symbol(name), 1, args, range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        check_context(d1, range); check_context(d2, range);
/usr/include/z3++.h:        Z3_sort args[2] = { d1, d2 };
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx,
str_symbol(name), 2, args, range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        check_context(d1, range); check_context(d2, range);
check_context(d3, range);
/usr/include/z3++.h:        Z3_sort args[3] = { d1, d2, d3 };
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx,
str_symbol(name), 3, args, range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        check_context(d1, range); check_context(d2, range);
check_context(d3, range); check_context(d4, range);
/usr/include/z3++.h:        Z3_sort args[4] = { d1, d2, d3, d4 };
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx,
str_symbol(name), 4, args, range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        check_context(d1, range); check_context(d2, range);
check_context(d3, range); check_context(d4, range); check_context(d5, range);
/usr/include/z3++.h:        Z3_sort args[5] = { d1, d2, d3, d4, d5 };
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_func_decl(m_ctx,
str_symbol(name), 5, args, range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        array<Z3_sort> args(arity);
/usr/include/z3++.h:            check_context(domain[i], range);
/usr/include/z3++.h:            args[i] = domain[i];
/usr/include/z3++.h:        Z3_func_decl f = Z3_mk_rec_func_decl(m_ctx, name,
arity, args.ptr(), range);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return func_decl(*this, f);
/usr/include/z3++.h:        return recfun(str_symbol(name), arity, domain,
range);
/usr/include/z3++.h:        return recfun(str_symbol(name), 1, &d1, range);
/usr/include/z3++.h:        sort dom[2] = { d1, d2 };
/usr/include/z3++.h:        return recfun(str_symbol(name), 2, dom, range);
/usr/include/z3++.h:        check_context(f, args); check_context(f, body);
/usr/include/z3++.h:        array<Z3_ast> vars(args);
/usr/include/z3++.h:        Z3_add_rec_def(f.ctx(), f, vars.size(), vars.ptr(),
body);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_const(m_ctx, name, s);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr(*this, r);
/usr/include/z3++.h:        case RNA: return expr(*this, Z3_mk_fpa_rna(m_ctx));
```

```
/usr/include/z3++.h:        case RNE: return expr(*this, Z3_mk_fpa_rne(m_ctx));
/usr/include/z3++.h:        case RTP: return expr(*this, Z3_mk_fpa_rtp(m_ctx));
/usr/include/z3++.h:        case RTN: return expr(*this, Z3_mk_fpa_rtn(m_ctx));
/usr/include/z3++.h:        case RTZ: return expr(*this, Z3_mk_fpa_rtz(m_ctx));
/usr/include/z3++.h:        default: return expr(*this);
/usr/include/z3++.h:        array<bool> _bits(n);
/usr/include/z3++.h:        for (unsigned i = 0; i < n; ++i) _bits[i] =
bits[i] ? 1 : 0;
/usr/include/z3++.h:        Z3_ast r = Z3_mk_bv_numeral(m_ctx, n, _bits.ptr());
check_error(); return expr(*this, r);
/usr/include/z3++.h:        array<Z3_ast> _args(n);
/usr/include/z3++.h:            check_context(*this, args[i]);
/usr/include/z3++.h:            _args[i] = args[i];
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, n, _args.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        array<Z3_ast> _args(args.size());
/usr/include/z3++.h:            check_context(*this, args[i]);
/usr/include/z3++.h:            _args[i] = args[i];
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, args.size(),
_args.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 0, 0);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a);
/usr/include/z3++.h:        Z3_ast args[1] = { a };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 1, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        Z3_ast args[1] = { ctx().num_val(a, domain(0)) };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 1, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a1); check_context(*this, a2);
/usr/include/z3++.h:        Z3_ast args[2] = { a1, a2 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 2, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a1);
/usr/include/z3++.h:        Z3_ast args[2] = { a1, ctx().num_val(a2,
domain(1)) };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 2, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a2);
/usr/include/z3++.h:        Z3_ast args[2] = { ctx().num_val(a1, domain(0)),
a2 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 2, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a1); check_context(*this, a2);
check_context(*this, a3);
/usr/include/z3++.h:        Z3_ast args[3] = { a1, a2, a3 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 3, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        check_context(*this, a1); check_context(*this, a2);
check_context(*this, a3); check_context(*this, a4);
/usr/include/z3++.h:        Z3_ast args[4] = { a1, a2, a3, a4 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 4, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
```

```
/usr/include/z3++.h:        check_context(*this, a1); check_context(*this, a2);
check_context(*this, a3); check_context(*this, a4); check_context(*this, a5);
/usr/include/z3++.h:        Z3_ast args[5] = { a1, a2, a3, a4, a5 };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_app(ctx(), *this, 5, args);
/usr/include/z3++.h:        ctx().check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        return range.ctx().function(name, arity, domain,
range);
/usr/include/z3++.h:        return range.ctx().function(name, arity, domain,
range);
/usr/include/z3++.h:        return range.ctx().function(name, domain, range);
/usr/include/z3++.h:        return range.ctx().function(name, d1, d2, range);
/usr/include/z3++.h:        return range.ctx().function(name, d1, d2, d3,
range);
/usr/include/z3++.h:        return range.ctx().function(name, d1, d2, d3, d4,
range);
/usr/include/z3++.h:        return range.ctx().function(name, d1, d2, d3, d4,
d5, range);
/usr/include/z3++.h:        return range.ctx().function(name, domain, range);
/usr/include/z3++.h:        return range.ctx().function(name.c_str(), domain,
range);
/usr/include/z3++.h:        return range.ctx().recfun(name, arity, domain,
range);
/usr/include/z3++.h:        return range.ctx().recfun(name, arity, domain,
range);
/usr/include/z3++.h:        return range.ctx().recfun(name, d1, range);
/usr/include/z3++.h:        return range.ctx().recfun(name, d1, d2, range);
/usr/include/z3++.h:        check_context(a, i);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_select(a.ctx(), a, i);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        return select(a, a.ctx().num_val(i,
a.get_sort().array_domain()));
/usr/include/z3++.h:        check_context(a, i);
/usr/include/z3++.h:        array<Z3_ast> idxs(i);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_select_n(a.ctx(), a, idxs.size(),
idxs.ptr());
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, i); check_context(a, v);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_store(a.ctx(), a, i, v);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        return store(a, a.ctx().num_val(i,
a.get_sort().array_domain()), a.ctx().num_val(v, a.get_sort().array_range()));
/usr/include/z3++.h:        check_context(a, i); check_context(a, v);
/usr/include/z3++.h:        array<Z3_ast> idxs(i);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_store_n(a.ctx(), a, idxs.size(),
idxs.ptr(), v);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_as_array(f.ctx(), f);
/usr/include/z3++.h:        f.check_error();
/usr/include/z3++.h:        return expr(f.ctx(), r);
/usr/include/z3++.h:    return expr(_arg.ctx(), r);
/usr/include/z3++.h:    return expr(_arg1.ctx(), r);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_const_array, d, v);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_empty_set, s);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_full_set, s);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_set_add, s, e);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_set_del, s, e);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast es[2] = { a, b };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_set_union(a.ctx(), 2, es);
```

```
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast es[2] = { a, b };
/usr/include/z3++.h:        Z3_ast r = Z3_mk_set_intersect(a.ctx(), 2, es);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_set_difference, a, b);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_set_complement, a);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_set_member, s, e);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_set_subset, a, b);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_seq_empty(s.ctx(), s);
/usr/include/z3++.h:        s.check_error();
/usr/include/z3++.h:        return expr(s.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_seq_suffix(a.ctx(), a, b);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(a, b);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_seq_prefix(a.ctx(), a, b);
/usr/include/z3++.h:        a.check_error();
/usr/include/z3++.h:        return expr(a.ctx(), r);
/usr/include/z3++.h:        check_context(s, substr); check_context(s, offset);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_seq_index(s.ctx(), s, substr,
offset);
/usr/include/z3++.h:        s.check_error();
/usr/include/z3++.h:        return expr(s.ctx(), r);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_seq_last_index(s.ctx(), s, substr);
/usr/include/z3++.h:        s.check_error();
/usr/include/z3++.h:        return expr(s.ctx(), r);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_seq_to_re, s);
/usr/include/z3++.h:        MK_EXPR2(Z3_mk_seq_in_re, s, re);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_re_plus, re);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_re_option, re);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_re_star, re);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_re_empty(s.ctx(), s);
/usr/include/z3++.h:        s.check_error();
/usr/include/z3++.h:        return expr(s.ctx(), r);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_re_full(s.ctx(), s);
/usr/include/z3++.h:        s.check_error();
/usr/include/z3++.h:        return expr(s.ctx(), r);
/usr/include/z3++.h:        assert(args.size() > 0);
/usr/include/z3++.h:        context& ctx = args[0].ctx();
/usr/include/z3++.h:        array<Z3_ast> _args(args);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_re_intersect(ctx, _args.size(),
_args.ptr());
/usr/include/z3++.h:        ctx.check_error();
/usr/include/z3++.h:        return expr(ctx, r);
/usr/include/z3++.h:        MK_EXPR1(Z3_mk_re_complement, a);
/usr/include/z3++.h:        check_context(lo, hi);
/usr/include/z3++.h:        Z3_ast r = Z3_mk_re_range(lo.ctx(), lo, hi);
/usr/include/z3++.h:        lo.check_error();
/usr/include/z3++.h:        return expr(lo.ctx(), r);
/usr/include/z3++.h:        Z3_ast_vector r = Z3_parse_smtlib2_string(*this, s,
0, 0, 0, 0, 0, 0);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr_vector(*this, r);
/usr/include/z3++.h:        Z3_ast_vector r = Z3_parse_smtlib2_file(*this, s, 0,
0, 0, 0, 0, 0);
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr_vector(*this, r);
/usr/include/z3++.h:        array<Z3_symbol> sort_names(sorts.size());
/usr/include/z3++.h:        array<Z3_symbol> decl_names(decls.size());
/usr/include/z3++.h:        array<Z3_sort>   sorts1(sorts);
```

```
/usr/include/z3++.h:        array<Z3_func_decl> decls1(decls);
/usr/include/z3++.h:            sort_names[i] = sorts[i].name();
/usr/include/z3++.h:            decl_names[i] = decls[i].name();
/usr/include/z3++.h:        Z3_ast_vector r = Z3_parse_smtlib2_string(*this, s,
sorts.size(), sort_names.ptr(), sorts1.ptr(), decls.size(), decl_names.ptr(),
decls1.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr_vector(*this, r);
/usr/include/z3++.h:        array<Z3_symbol> sort_names(sorts.size());
/usr/include/z3++.h:        array<Z3_symbol> decl_names(decls.size());
/usr/include/z3++.h:        array<Z3_sort>   sorts1(sorts);
/usr/include/z3++.h:        array<Z3_func_decl> decls1(decls);
/usr/include/z3++.h:            sort_names[i] = sorts[i].name();
/usr/include/z3++.h:            decl_names[i] = decls[i].name();
/usr/include/z3++.h:        Z3_ast_vector r = Z3_parse_smtlib2_file(*this, s,
sorts.size(), sort_names.ptr(), sorts1.ptr(), decls.size(), decl_names.ptr(),
decls1.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr_vector(*this, r);
/usr/include/z3++.h:        assert(src.size() == dst.size());
/usr/include/z3++.h:        array<Z3_ast> _src(src.size());
/usr/include/z3++.h:        array<Z3_ast> _dst(dst.size());
/usr/include/z3++.h:            _src[i] = src[i];
/usr/include/z3++.h:            _dst[i] = dst[i];
/usr/include/z3++.h:        Z3_ast r = Z3_substitute(ctx(), m_ast, src.size(),
_src.ptr(), _dst.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        array<Z3_ast> _dst(dst.size());
/usr/include/z3++.h:            _dst[i] = dst[i];
/usr/include/z3++.h:        Z3_ast r = Z3_substitute_vars(ctx(), m_ast,
dst.size(), _dst.ptr());
/usr/include/z3++.h:        check_error();
/usr/include/z3++.h:        return expr(ctx(), r);
/usr/include/z3++.h:        typedef std::function<void(unsigned, expr const&)>
fixed_eh_t;
/usr/include/z3++.h:        typedef std::function<void(void)> final_eh_t;
/usr/include/z3++.h:        typedef std::function<void(unsigned, unsigned)>
eq_eh_t;
/usr/include/z3++.h:        final_eh_t m_final_eh;
/usr/include/z3++.h:        eq_eh_t    m_eq_eh;
/usr/include/z3++.h:        fixed_eh_t m_fixed_eh;
/usr/include/z3++.h:        solver*    s;
/usr/include/z3++.h:        Z3_context c;
/usr/include/z3++.h:        Z3_solver_callback cb { nullptr };
/usr/include/z3++.h:            return c ? c : (Z3_context)s->ctx();
/usr/include/z3++.h:            user_propagator_base& p;
/usr/include/z3++.h:                p.cb = cb;
/usr/include/z3++.h:        };
/usr/include/z3++.h:            static_cast<user_propagator_base*>(p)->push();
/usr/include/z3++.h:            static_cast<user_propagator_base*>(p)-
>pop(num_scopes);
/usr/include/z3++.h:            return static_cast<user_propagator_base*>(p)-
>fresh(ctx);
/usr/include/z3++.h:            user_propagator_base* p =
static_cast<user_propagator_base*>(_p);
/usr/include/z3++.h:            scoped_cb _cb(p, cb);
/usr/include/z3++.h:            scoped_context ctx(p->ctx());
/usr/include/z3++.h:            expr value(ctx(), _value);
/usr/include/z3++.h:            static_cast<user_propagator_base*>(p)-
>m_fixed_eh(id, value);
/usr/include/z3++.h:            scoped_cb _cb(p, cb);
/usr/include/z3++.h:            static_cast<user_propagator_base*>(p)-
>m_eq_eh(x, y);
```

```
/usr/include/z3++.h:            scoped_cb _cb(p, cb);
/usr/include/z3++.h:        virtual void push() = 0;
/usr/include/z3++.h:        virtual void pop(unsigned num_scopes) = 0;
/usr/include/z3++.h:        virtual user_propagator_base* fresh(Z3_context ctx)
= 0;
/usr/include/z3++.h:            assert(s);
/usr/include/z3++.h:            assert(s);
/usr/include/z3++.h:            assert(s);
/usr/include/z3++.h:            assert(s);
/usr/include/z3++.h:            return Z3_solver_propagate_register(ctx(), *s,
e);
/usr/include/z3++.h:            assert(cb);
/usr/include/z3++.h:            scoped_context _ctx(ctx());
/usr/include/z3++.h:            expr conseq = _ctx().bool_val(false);
/usr/include/z3++.h:            Z3_solver_propagate_consequence(ctx(), cb,
num_fixed, fixed, 0, nullptr, nullptr, conseq);
/usr/include/z3++.h:            assert(cb);
/usr/include/z3++.h:            assert(conseq.ctx() == ctx());
/usr/include/z3++.h:            Z3_solver_propagate_consequence(ctx(), cb,
num_fixed, fixed, 0, nullptr, nullptr, conseq);
/usr/include/z3++.h:            assert(cb);
/usr/include/z3++.h:            assert(conseq.ctx() == ctx());
/usr/include/z3++.h:            Z3_solver_propagate_consequence(ctx(), cb,
num_fixed, fixed, num_eqs, lhs, rhs, conseq)
/usr/include/z3++.h:    };
/usr/include/z3_optimization.h:typedef void Z3_model_eh(void* ctx);
/usr/include/z3_optimization.h:    Z3_optimize Z3_API Z3_mk_optimize(Z3_context
c);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_inc_ref(Z3_context c,
Z3_optimize d);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_dec_ref(Z3_context c,
Z3_optimize d);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_assert(Z3_context c,
Z3_optimize o, Z3_ast a);
/usr/include/z3_optimization.h:    void Z3_API
Z3_optimize_assert_and_track(Z3_context c, Z3_optimize o, Z3_ast a, Z3_ast t);
/usr/include/z3_optimization.h:    unsigned Z3_API
Z3_optimize_assert_soft(Z3_context c, Z3_optimize o, Z3_ast a, Z3_string weight,
Z3_symbol id);
/usr/include/z3_optimization.h:    unsigned Z3_API
Z3_optimize_maximize(Z3_context c, Z3_optimize o, Z3_ast t);
/usr/include/z3_optimization.h:    unsigned Z3_API
Z3_optimize_minimize(Z3_context c, Z3_optimize o, Z3_ast t);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_push(Z3_context c,
Z3_optimize d);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_pop(Z3_context c,
Z3_optimize d);
/usr/include/z3_optimization.h:    Z3_lbool Z3_API Z3_optimize_check(Z3_context
c, Z3_optimize o, unsigned num_assumptions, Z3_ast const assumptions[]);
/usr/include/z3_optimization.h:    Z3_string Z3_API
Z3_optimize_get_reason_unknown(Z3_context c, Z3_optimize d);
/usr/include/z3_optimization.h:    Z3_model Z3_API
Z3_optimize_get_model(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:    Z3_ast_vector Z3_API
Z3_optimize_get_unsat_core(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_set_params(Z3_context
c, Z3_optimize o, Z3_params p);
/usr/include/z3_optimization.h:    Z3_param_descrs Z3_API
Z3_optimize_get_param_descrs(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:    Z3_ast Z3_API
Z3_optimize_get_lower(Z3_context c, Z3_optimize o, unsigned idx);
/usr/include/z3_optimization.h:    Z3_ast Z3_API
Z3_optimize_get_upper(Z3_context c, Z3_optimize o, unsigned idx);
/usr/include/z3_optimization.h:    Z3_ast_vector Z3_API
```

```
Z3_optimize_get_lower_as_vector(Z3_context c, Z3_optimize o, unsigned idx);
/usr/include/z3_optimization.h:    Z3_ast_vector Z3_API
Z3_optimize_get_upper_as_vector(Z3_context c, Z3_optimize o, unsigned idx);
/usr/include/z3_optimization.h:    Z3_string Z3_API
Z3_optimize_to_string(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:    void Z3_API
Z3_optimize_from_string(Z3_context c, Z3_optimize o, Z3_string s);
/usr/include/z3_optimization.h:    void Z3_API Z3_optimize_from_file(Z3_context
c, Z3_optimize o, Z3_string s);
/usr/include/z3_optimization.h:    Z3_string Z3_API
Z3_optimize_get_help(Z3_context c, Z3_optimize t);
/usr/include/z3_optimization.h:    Z3_stats Z3_API
Z3_optimize_get_statistics(Z3_context c, Z3_optimize d);
/usr/include/z3_optimization.h:    Z3_ast_vector Z3_API
Z3_optimize_get_assertions(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:    Z3_ast_vector Z3_API
Z3_optimize_get_objectives(Z3_context c, Z3_optimize o);
/usr/include/z3_optimization.h:        Z3_model_eh  model_eh);
/usr/include/z3_polynomial.h:    Z3_ast_vector Z3_API
Z3_polynomial_subresultants(Z3_context c, Z3_ast p, Z3_ast q, Z3_ast x);
/usr/include/z3_rcf.h:    void Z3_API Z3_rcf_del(Z3_context c, Z3_rcf_num a);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mk_rational(Z3_context c,
Z3_string val);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mk_small_int(Z3_context c,
int val);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mk_pi(Z3_context c);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mk_e(Z3_context c);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mk_infinitesimal(Z3_context
c);
/usr/include/z3_rcf.h:    unsigned Z3_API Z3_rcf_mk_roots(Z3_context c, unsigned
n, Z3_rcf_num const a[], Z3_rcf_num roots[]);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_add(Z3_context c, Z3_rcf_num
a, Z3_rcf_num b);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_sub(Z3_context c, Z3_rcf_num
a, Z3_rcf_num b);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_mul(Z3_context c, Z3_rcf_num
a, Z3_rcf_num b);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_div(Z3_context c, Z3_rcf_num
a, Z3_rcf_num b);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_neg(Z3_context c, Z3_rcf_num
a);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_inv(Z3_context c, Z3_rcf_num
a);
/usr/include/z3_rcf.h:    Z3_rcf_num Z3_API Z3_rcf_power(Z3_context c,
Z3_rcf_num a, unsigned k);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_lt(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_gt(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_le(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_ge(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_eq(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    bool Z3_API Z3_rcf_neq(Z3_context c, Z3_rcf_num a,
Z3_rcf_num b);
/usr/include/z3_rcf.h:    Z3_string Z3_API Z3_rcf_num_to_string(Z3_context c,
Z3_rcf_num a, bool compact, bool html);
/usr/include/z3_rcf.h:    Z3_string Z3_API
Z3_rcf_num_to_decimal_string(Z3_context c, Z3_rcf_num a, unsigned prec);
/usr/include/z3_rcf.h:    void Z3_API
Z3_rcf_get_numerator_denominator(Z3_context c, Z3_rcf_num a, Z3_rcf_num * n,
Z3_rcf_num * d);
```

```
/usr/include/z3_spacer.h:    Z3_lbool Z3_API Z3_fixedpoint_query_from_lvl
(Z3_context c,Z3_fixedpoint d, Z3_ast query, unsigned lvl);
/usr/include/z3_spacer.h:    Z3_ast Z3_API
Z3_fixedpoint_get_ground_sat_answer(Z3_context c,Z3_fixedpoint d);
/usr/include/z3_spacer.h:    Z3_ast_vector Z3_API
Z3_fixedpoint_get_rules_along_trace(Z3_context c,Z3_fixedpoint d);
/usr/include/z3_spacer.h:    Z3_symbol Z3_API
Z3_fixedpoint_get_rule_names_along_trace(Z3_context c,Z3_fixedpoint d);
/usr/include/z3_spacer.h:    void Z3_API Z3_fixedpoint_add_invariant(Z3_context
c, Z3_fixedpoint d, Z3_func_decl pred, Z3_ast property);
/usr/include/z3_spacer.h:    Z3_ast Z3_API
Z3_fixedpoint_get_reachable(Z3_context c, Z3_fixedpoint d, Z3_func_decl pred
/usr/include/z3_spacer.h:       Z3_ast body);
/usr/include/z3_spacer.h:       Z3_ast_map map);
/usr/include/z3_spacer.h:       Z3_ast fml);
/usr/include/z3_spacer.h:       Z3_ast body);
/usr/include/zconf.h:   typedef unsigned long z_size_t;
/usr/include/zconf.h:     typedef unsigned NO_SIZE_T z_size_t;
/usr/include/zconf.h:     typedef size_t z_size_t;
/usr/include/zconf.h:     typedef unsigned long z_size_t;
/usr/include/zconf.h:   typedef Byte  FAR Bytef;
/usr/include/zconf.h:typedef char  FAR charf;
/usr/include/zconf.h:typedef int   FAR intf;
/usr/include/zconf.h:typedef uInt  FAR uIntf;
/usr/include/zconf.h:typedef uLong FAR uLongf;
/usr/include/zconf.h:   typedef void const *voidpc;
/usr/include/zconf.h:   typedef void FAR   *voidpf;
/usr/include/zconf.h:   typedef void       *voidp;
/usr/include/zconf.h:   typedef Byte const *voidpc;
/usr/include/zconf.h:   typedef Byte FAR   *voidpf;
/usr/include/zconf.h:   typedef Byte       *voidp;
/usr/include/zconf.h:   typedef Z_U4 z_crc_t;
/usr/include/zconf.h:   typedef unsigned long z_crc_t;
/usr/include/zlib.h:typedef voidpf (*alloc_func) OF((voidpf opaque, uInt items,
uInt size));
/usr/include/zlib.h:typedef void   (*free_func)  OF((voidpf opaque, voidpf
address));
/usr/include/zlib.h:struct internal_state;
/usr/include/zlib.h:} z_stream;
/usr/include/zlib.h:typedef z_stream FAR *z_streamp;
/usr/include/zlib.h:} gz_header;
/usr/include/zlib.h:typedef gz_header FAR *gz_headerp;
/usr/include/zlib.h:ZEXTERN const char * ZEXPORT zlibVersion OF((void));
/usr/include/zlib.h:ZEXTERN int ZEXPORT deflateInit OF((z_streamp strm, int
level));
/usr/include/zlib.h:ZEXTERN int ZEXPORT deflate OF((z_streamp strm, int flush));
/usr/include/zlib.h:ZEXTERN int ZEXPORT deflateEnd OF((z_streamp strm));
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflateInit OF((z_streamp strm));
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflate OF((z_streamp strm, int flush));
/usr/include/zlib.h:  this case all pending input is processed and all pending
output is flushed;
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflateEnd OF((z_streamp strm));
/usr/include/zlib.h:                                        int  strategy));
/usr/include/zlib.h:                                                uInt
dictLength));
/usr/include/zlib.h:                                                uInt
*dictLength));
/usr/include/zlib.h:                                      z_streamp source));
/usr/include/zlib.h:ZEXTERN int ZEXPORT deflateReset OF((z_streamp strm));
/usr/include/zlib.h:                                        int strategy));
/usr/include/zlib.h:                                      int max_chain));
/usr/include/zlib.h:                                         uLong sourceLen));
/usr/include/zlib.h:                                         int *bits));
/usr/include/zlib.h:                                       int value));
```

```
/usr/include/zlib.h:                                        gz_headerp head));
/usr/include/zlib.h:                                    int  windowBits));
/usr/include/zlib.h:                                        uInt
dictLength));
/usr/include/zlib.h:                                        uInt
*dictLength));
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflateSync OF((z_streamp strm));
/usr/include/zlib.h:                                    z_streamp source));
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflateReset OF((z_streamp strm));
/usr/include/zlib.h:                                     int windowBits));
/usr/include/zlib.h:                                    int value));
/usr/include/zlib.h:ZEXTERN long ZEXPORT inflateMark OF((z_streamp strm));
/usr/include/zlib.h:                                        gz_headerp head));
/usr/include/zlib.h:                                      unsigned char FAR
*window));
/usr/include/zlib.h:                                z_const unsigned char FAR *
FAR *));
/usr/include/zlib.h:typedef int (*out_func) OF((void FAR *, unsigned char FAR *,
unsigned));
/usr/include/zlib.h:                                    out_func out, void FAR
*out_desc));
/usr/include/zlib.h:ZEXTERN int ZEXPORT inflateBackEnd OF((z_streamp strm));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT zlibCompileFlags OF((void));
/usr/include/zlib.h:                                 const Bytef *source, uLong
sourceLen));
/usr/include/zlib.h:                                  int level));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT compressBound OF((uLong sourceLen));
/usr/include/zlib.h:                                   const Bytef *source,
uLong sourceLen));
/usr/include/zlib.h:                                    const Bytef *source,
uLong *sourceLen));
/usr/include/zlib.h:ZEXTERN gzFile ZEXPORT gzopen OF((const char *path, const
char *mode));
/usr/include/zlib.h:ZEXTERN gzFile ZEXPORT gzdopen OF((int fd, const char
*mode));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzbuffer OF((gzFile file, unsigned
size));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzsetparams OF((gzFile file, int level,
int strategy));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzread OF((gzFile file, voidp buf,
unsigned len));
/usr/include/zlib.h:                                      gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzwrite OF((gzFile file, voidpc buf,
unsigned len));
/usr/include/zlib.h:                                       z_size_t nitems,
gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORTVA gzprintf Z_ARG((gzFile file, const
char *format, ...));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzputs OF((gzFile file, const char *s));
/usr/include/zlib.h:ZEXTERN char * ZEXPORT gzgets OF((gzFile file, char *buf,
int len));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzputc OF((gzFile file, int c));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzgetc OF((gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzungetc OF((int c, gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzflush OF((gzFile file, int flush));
/usr/include/zlib.h:                                    z_off_t offset, int
whence));
/usr/include/zlib.h:   uncompressed data stream.  The whence parameter is
defined as in lseek(2);
/usr/include/zlib.h:ZEXTERN int ZEXPORT    gzrewind OF((gzFile file));
/usr/include/zlib.h:ZEXTERN z_off_t ZEXPORT    gztell OF((gzFile file));
/usr/include/zlib.h:ZEXTERN z_off_t ZEXPORT gzoffset OF((gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzeof OF((gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzdirect OF((gzFile file));
```

```
/usr/include/zlib.h:ZEXTERN int ZEXPORT    gzclose OF((gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzclose_r OF((gzFile file));
/usr/include/zlib.h:ZEXTERN int ZEXPORT gzclose_w OF((gzFile file));
/usr/include/zlib.h:ZEXTERN const char * ZEXPORT gzerror OF((gzFile file, int
*errnum));
/usr/include/zlib.h:ZEXTERN void ZEXPORT gzclearerr OF((gzFile file));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT adler32 OF((uLong adler, const Bytef
*buf, uInt len));
/usr/include/zlib.h:     uLong adler = adler32(0L, Z_NULL, 0);
/usr/include/zlib.h:       adler = adler32(adler, buffer, length);
/usr/include/zlib.h:     if (adler != original_adler) error();
/usr/include/zlib.h:                                       z_size_t len));
/usr/include/zlib.h:                                             z_off_t len2));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT crc32 OF((uLong crc, const Bytef *buf,
uInt len));
/usr/include/zlib.h:     uLong crc = crc32(0L, Z_NULL, 0);
/usr/include/zlib.h:       crc = crc32(crc, buffer, length);
/usr/include/zlib.h:     if (crc != original_crc) error();
/usr/include/zlib.h:                                      z_size_t len));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT crc32_combine OF((uLong crc1, uLong
crc2, z_off_t len2));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT crc32_combine_gen OF((z_off_t len2));
/usr/include/zlib.h:ZEXTERN uLong ZEXPORT crc32_combine_op OF((uLong crc1, uLong
crc2, uLong op));
/usr/include/zlib.h:                                        const char *version,
int stream_size));
/usr/include/zlib.h:                                        const char *version,
int stream_size));
/usr/include/zlib.h:                                         int stream_size));
/usr/include/zlib.h:                                         const char *version,
int stream_size));
/usr/include/zlib.h:                                            int stream_size));
/usr/include/zlib.h:    unsigned have;
/usr/include/zlib.h:    unsigned char *next;
/usr/include/zlib.h:    z_off64_t pos;
/usr/include/zlib.h:};
/usr/include/zlib.h:   ZEXTERN gzFile ZEXPORT gzopen64 OF((const char *, const
char *));
/usr/include/zlib.h:   ZEXTERN z_off64_t ZEXPORT gzseek64 OF((gzFile, z_off64_t,
int));
/usr/include/zlib.h:   ZEXTERN z_off64_t ZEXPORT gztell64 OF((gzFile));
/usr/include/zlib.h:   ZEXTERN z_off64_t ZEXPORT gzoffset64 OF((gzFile));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT adler32_combine64 OF((uLong, uLong,
z_off64_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine64 OF((uLong, uLong,
z_off64_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine_gen64
OF((z_off64_t));
/usr/include/zlib.h:     ZEXTERN gzFile ZEXPORT gzopen64 OF((const char *, const
char *));
/usr/include/zlib.h:     ZEXTERN z_off_t ZEXPORT gzseek64 OF((gzFile, z_off_t,
int));
/usr/include/zlib.h:     ZEXTERN z_off_t ZEXPORT gztell64 OF((gzFile));
/usr/include/zlib.h:     ZEXTERN z_off_t ZEXPORT gzoffset64 OF((gzFile));
/usr/include/zlib.h:     ZEXTERN uLong ZEXPORT adler32_combine64 OF((uLong,
uLong, z_off_t));
/usr/include/zlib.h:     ZEXTERN uLong ZEXPORT crc32_combine64 OF((uLong, uLong,
z_off_t));
/usr/include/zlib.h:     ZEXTERN uLong ZEXPORT crc32_combine_gen64
OF((z_off_t));
/usr/include/zlib.h:   ZEXTERN gzFile ZEXPORT gzopen OF((const char *, const
char *));
/usr/include/zlib.h:   ZEXTERN z_off_t ZEXPORT gzseek OF((gzFile, z_off_t,
int));
```

```
/usr/include/zlib.h:   ZEXTERN z_off_t ZEXPORT gztell OF((gzFile));
/usr/include/zlib.h:   ZEXTERN z_off_t ZEXPORT gzoffset OF((gzFile));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT adler32_combine OF((uLong, uLong,
z_off_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine OF((uLong, uLong,
z_off_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine_gen OF((z_off_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT adler32_combine OF((uLong, uLong,
z_off_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine OF((uLong, uLong,
z_off_t));
/usr/include/zlib.h:   ZEXTERN uLong ZEXPORT crc32_combine_gen OF((z_off_t));
/usr/include/zlib.h:ZEXTERN const char   * ZEXPORT zError           OF((int));
/usr/include/zlib.h:ZEXTERN int            ZEXPORT inflateSyncPoint
OF((z_streamp));
/usr/include/zlib.h:ZEXTERN const z_crc_t FAR * ZEXPORT get_crc_table
OF((void));
/usr/include/zlib.h:ZEXTERN int            ZEXPORT inflateUndermine
OF((z_streamp, int));
/usr/include/zlib.h:ZEXTERN int            ZEXPORT inflateValidate
OF((z_streamp, int));
/usr/include/zlib.h:ZEXTERN unsigned long  ZEXPORT inflateCodesUsed
OF((z_streamp));
/usr/include/zlib.h:ZEXTERN int            ZEXPORT inflateResetKeep
OF((z_streamp));
/usr/include/zlib.h:ZEXTERN int            ZEXPORT deflateResetKeep
OF((z_streamp));
/usr/include/zlib.h:                                               const char
*mode));
/usr/include/zlib.h:                                                    va_list
va));
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r ";$" /usr/include/*.h | wc -l
8147
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r ";" /usr/include/*.h | wc -l
12330
sec36353@raspberrypi2025:~/PL/trab3 $ logout
Connection to 10.1.186.79 closed.
PS C:\WINDOWS\system32>
ssh sec36353@10.1.186.79
>>
sec36353@10.1.186.79's password:
Linux raspberrypi2025 6.12.47+rpt-rpi-v7 #1 SMP Raspbian 1:6.12.47-
1+rpt1~bookworm (2025-09-16) armv7l

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sat Apr 18 16:23:59 2026 from 10.1.187.182
sec36353@raspberrypi2025:~ $ ls
historytxt  PL
sec36353@raspberrypi2025:~ $ cd PL
sec36353@raspberrypi2025:~/PL $ ls
trab1  trab2  trab3
sec36353@raspberrypi2025:~/PL $ cd trab3
sec36353@raspberrypi2025:~/PL/trab3 $ ls
aTeste.html  rcaa  rcac  rcae  rcag  rcai  rcak  rcam  rcao         u35
p24          rcab  rcad  rcaf  rcah  rcaj  rcal  rcan  rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ cat /usr/include/*.h | wc -l
77175
sec36353@raspberrypi2025:~/PL/trab3 $ cp rc.services myServices
sec36353@raspberrypi2025:~/PL/trab3 $ grep -v "^$" myServices > myServicesLines
```

```
sec36353@raspberrypi2025:~/PL/trab3 $ ls
aTeste.html  myServicesLines  rcaa  rcac  rcae  rcag  rcai  rcak  rcam  rcao
u35
myServices   p24              rcab  rcad  rcaf  rcah  rcaj  rcal  rcan
rc.services
sec36353@raspberrypi2025:~/PL/trab3 $ grep "~.$" /etc/services | wc -l
0
sec36353@raspberrypi2025:~/PL/trab3 $ ls -l/etc | grep "r-r-r"
ls: invalid option -- '/'
Try 'ls --help' for more information.
sec36353@raspberrypi2025:~/PL/trab3 $ ls -l /etc | grep "r--r--r--"
-r--r--r-- 1 root root      33 Nov 19  2024 machine-id
sec36353@raspberrypi2025:~/PL/trab3 $ find /etc -perm -444
/etc
/etc/init
/etc/init/paxctld.conf
/etc/modules
/etc/LatexMk
/etc/python3
/etc/python3/debian_config
/etc/kernel
/etc/kernel/install.d
/etc/kernel/postinst.d
/etc/kernel/postinst.d/z50-raspi-firmware
/etc/kernel/postinst.d/initramfs-tools
/etc/kernel/postrm.d
/etc/kernel/postrm.d/z50-raspi-firmware
/etc/kernel/postrm.d/initramfs-tools
/etc/python3.11
/etc/python3.11/sitecustomize.py
/etc/protocols
/etc/ufw
/etc/ufw/applications.d
/etc/ufw/applications.d/openssh-server
/etc/environment.d
/etc/environment.d/90qt-a11y.conf
/etc/passwd
/etc/gdb
/etc/gdb/gdbinit.d
/etc/gdb/gdbinit
/etc/timezone
/etc/usb_modeswitch.conf
/etc/locale.alias
/etc/texmf
/etc/texmf/dvips
/etc/texmf/dvips/config
/etc/texmf/dvipdfmx
/etc/texmf/tex
/etc/texmf/tex/generic
/etc/texmf/tex/generic/config
/etc/texmf/tex/context
/etc/texmf/tex/context/user
/etc/texmf/tex/context/user/cont-sys.rme
/etc/texmf/texmf.d
/etc/texmf/texmf.d/00debian.cnf
/etc/texmf/texdoctk
/etc/texmf/texdoctk/texdocrc.defaults
/etc/texmf/web2c
/etc/texmf/web2c/texmf.cnf
/etc/texmf/web2c/mktex.cnf
/etc/NetworkManager
/etc/NetworkManager/NetworkManager.conf
/etc/NetworkManager/dispatcher.d
/etc/NetworkManager/dispatcher.d/no-wait.d
```

```
/etc/NetworkManager/dispatcher.d/pre-down.d
/etc/NetworkManager/dispatcher.d/pre-up.d
/etc/NetworkManager/dispatcher.d/01-ifupdown
/etc/NetworkManager/dnsmasq.d
/etc/NetworkManager/conf.d
/etc/NetworkManager/dnsmasq-shared.d
/etc/NetworkManager/system-connections
/etc/default
/etc/default/dbus
/etc/default/fake-hwclock
/etc/default/keyboard
/etc/default/ssh
/etc/default/nfs-common
/etc/default/rsync
/etc/default/raspberrypi-sys-mods
/etc/default/rpi-eeprom-update
/etc/default/acct
/etc/default/bluetooth
/etc/default/hwclock
/etc/default/exim4
/etc/default/console-setup
/etc/default/triggerhappy
/etc/default/avahi-daemon
/etc/default/nss
/etc/default/cron
/etc/default/locale
/etc/default/useradd
/etc/default/rpcbind
/etc/default/raspi-firmware
/etc/subuid
/etc/rpi-issue
/etc/gai.conf
/etc/ld.so.conf
/etc/fb.modes
/etc/modules-load.d
/etc/modules-load.d/modules.conf
/etc/papersize
/etc/issue
/etc/nsswitch.conf
/etc/paxctld.conf
/etc/libaudit.conf
/etc/ssh
/etc/ssh/ssh_config.d
/etc/ssh/ssh_host_ecdsa_key.pub
/etc/ssh/sshd_config.d
/etc/ssh/sshd_config
/etc/ssh/ssh_host_rsa_key.pub
/etc/ssh/moduli
/etc/ssh/ssh_host_ed25519_key.pub
/etc/ssh/ssh_config
/etc/ssh/ssh_import_id
/etc/cron.weekly
/etc/cron.weekly/.placeholder
/etc/cron.weekly/man-db
/etc/ppp
/etc/ppp/ip-pre-up
/etc/ppp/ip-down
/etc/ppp/ip-up.d
/etc/ppp/ip-up.d/exim4
/etc/ppp/ip-up.d/0000usepeerdns
/etc/ppp/ipv6-up.d
/etc/ppp/options
/etc/ppp/ip-down.d
/etc/ppp/ip-down.d/0000usepeerdns
```

```
/etc/ppp/ip-up
/etc/ppp/ip-pre-up.d
/etc/ppp/ipv6-down
/etc/ppp/ipv6-down.d
find: â ˜/etc/ppp/peersâ ™: Permission denied
/etc/ppp/ipv6-up
/etc/selinux
/etc/selinux/semanage.conf
/etc/pam.d
/etc/pam.d/passwd
/etc/pam.d/ppp
/etc/pam.d/sudo-i
/etc/pam.d/chfn
/etc/pam.d/other
/etc/pam.d/sshd
/etc/pam.d/chpasswd
/etc/pam.d/chsh
/etc/pam.d/common-session-noninteractive
/etc/pam.d/login
/etc/pam.d/runuser-l
/etc/pam.d/su-l
/etc/pam.d/su
/etc/pam.d/runuser
/etc/pam.d/common-auth
/etc/pam.d/cron
/etc/pam.d/newusers
/etc/pam.d/sudo
/etc/pam.d/common-account
/etc/pam.d/atd
/etc/pam.d/common-password
/etc/pam.d/common-session
/etc/netconfig
/etc/ca-certificates.conf.dpkg-old
/etc/aliases
/etc/dphys-swapfile
/etc/inputrc
/etc/cifs-utils
/etc/cifs-utils/idmap-plugin
/etc/network
/etc/network/if-down.d
/etc/network/if-down.d/wpasupplicant
/etc/network/if-pre-up.d
/etc/network/if-pre-up.d/wpasupplicant
/etc/network/if-pre-up.d/wireless-tools
/etc/network/if-pre-up.d/ethtool
/etc/network/if-up.d
/etc/network/if-up.d/wpasupplicant
/etc/network/if-up.d/ethtool
/etc/network/if-post-down.d
/etc/network/if-post-down.d/wpasupplicant
/etc/network/if-post-down.d/wireless-tools
/etc/nanorc
/etc/os-release
/etc/profile
/etc/shells
/etc/keyutils
/etc/bash_completion.d
/etc/bash_completion.d/git-prompt
find: â ˜/etc/chatscriptsâ ™: Permission denied
/etc/kernel-img.conf
/etc/magic
/etc/gtk-3.0
/etc/gtk-3.0/im-multipress.conf
/etc/tmpfiles.d
```

```
/etc/tmpfiles.d/sys-kernel-debug.conf
/etc/.fstab
/etc/debconf.conf
/etc/java-17-openjdk
/etc/java-17-openjdk/psfont.properties.ja
/etc/java-17-openjdk/net.properties
/etc/java-17-openjdk/jvm-armhf.cfg
/etc/java-17-openjdk/logging.properties
/etc/java-17-openjdk/jfr
/etc/java-17-openjdk/jfr/profile.jfc
/etc/java-17-openjdk/jfr/default.jfc
/etc/java-17-openjdk/management
/etc/java-17-openjdk/management/jmxremote.access
/etc/java-17-openjdk/management/management.properties
/etc/java-17-openjdk/swing.properties
/etc/java-17-openjdk/accessibility.properties
/etc/java-17-openjdk/psfontj2d.properties
/etc/java-17-openjdk/sound.properties
/etc/java-17-openjdk/security
/etc/java-17-openjdk/security/java.security
/etc/java-17-openjdk/security/nss.cfg
/etc/java-17-openjdk/security/policy
/etc/java-17-openjdk/security/policy/limited
/etc/java-17-openjdk/security/policy/limited/default_local.policy
/etc/java-17-openjdk/security/policy/limited/default_US_export.policy
/etc/java-17-openjdk/security/policy/limited/exempt_local.policy
/etc/java-17-openjdk/security/policy/unlimited
/etc/java-17-openjdk/security/policy/unlimited/default_local.policy
/etc/java-17-openjdk/security/policy/unlimited/default_US_export.policy
/etc/java-17-openjdk/security/policy/README.txt
/etc/java-17-openjdk/security/default.policy
/etc/java-17-openjdk/security/java.policy
/etc/java-17-openjdk/security/blocked.certs
/etc/java-17-openjdk/security/public_suffix_list.dat
/etc/opt
/etc/nfs.conf
/etc/iproute2
/etc/iproute2/rt_dsfield
/etc/iproute2/nl_protos
/etc/iproute2/ematch_map
/etc/iproute2/group
/etc/iproute2/rt_protos
/etc/iproute2/rt_tables.d
/etc/iproute2/rt_tables.d/README
/etc/iproute2/rt_scopes
/etc/iproute2/rt_protos.d
/etc/iproute2/rt_protos.d/README
/etc/iproute2/rt_tables
/etc/iproute2/rt_realms
/etc/iproute2/bpf_pinning
/etc/vulkan
/etc/vulkan/icd.d
/etc/vulkan/explicit_layer.d
/etc/vulkan/implicit_layer.d
/etc/cron.daily
/etc/cron.daily/acct
/etc/cron.daily/apt-compat
/etc/cron.daily/logrotate
/etc/cron.daily/.placeholder
/etc/cron.daily/exim4-base
/etc/cron.daily/man-db
/etc/cron.daily/dpkg
/etc/cron.yearly
/etc/cron.yearly/.placeholder
```

```
/etc/X11
/etc/X11/Xreset
/etc/X11/Xsession.d
/etc/X11/Xsession.d/90gpg-agent
/etc/X11/Xsession.d/90x11-common_ssh-agent
/etc/X11/Xsession.d/35x11-common_xhost-local
/etc/X11/Xsession.d/20x11-common_process-args
/etc/X11/Xsession.d/99x11-common_start
/etc/X11/Xsession.d/90qt-a11y
/etc/X11/Xsession.d/30x11-common_xresources
/etc/X11/Xsession.d/50x11-common_determine-startup
/etc/X11/Xsession.d/20dbus_xdg-runtime
/etc/X11/Xsession.d/40x11-common_xsessionrc
/etc/X11/app-defaults
/etc/X11/app-defaults/UXTerm
/etc/X11/app-defaults/Viewres
/etc/X11/app-defaults/Xmessage
/etc/X11/app-defaults/XFontSel
/etc/X11/app-defaults/XTerm
/etc/X11/app-defaults/Xvidtune
/etc/X11/app-defaults/Viewres-color
/etc/X11/app-defaults/UXTerm-color
/etc/X11/app-defaults/KOI8RXTerm-color
/etc/X11/app-defaults/Editres
/etc/X11/app-defaults/XTerm-color
/etc/X11/app-defaults/KOI8RXTerm
/etc/X11/app-defaults/Xfd
/etc/X11/app-defaults/Editres-color
/etc/X11/app-defaults/Xmessage-color
/etc/X11/Xsession
/etc/X11/xorg.conf.d
/etc/X11/xkb
/etc/X11/Xresources
/etc/X11/Xresources/x11-common
/etc/X11/Xresources/xpdf
/etc/X11/Xsession.options
/etc/X11/rgb.txt
/etc/X11/Xreset.d
/etc/X11/Xreset.d/README
/etc/X11/fonts
/etc/X11/fonts/Type1
/etc/X11/fonts/Type1/tex-gyre.scale
/etc/X11/fonts/Type1/fonts-urw-base35.alias
/etc/X11/fonts/Type1/lmodern.scale
/etc/X11/fonts/Type1/fonts-urw-base35.scale
/etc/ghostscript
/etc/ghostscript/fontmap.d
/etc/ghostscript/fontmap.d/10fonts-urw-base35.conf
/etc/ghostscript/cidfmap.d
/etc/ghostscript/cidfmap.d/90gs-cjk-resource-cns1.conf
/etc/ghostscript/cidfmap.d/90gs-cjk-resource-korea1.conf
/etc/ghostscript/cidfmap.d/90gs-cjk-resource-japan1.conf
/etc/ghostscript/cidfmap.d/90gs-cjk-resource-gb1.conf
/etc/ghostscript/cidfmap.d/90gs-cjk-resource-japan2.conf
/etc/magic.mime
/etc/libblockdev
/etc/libblockdev/conf.d
/etc/libblockdev/conf.d/00-default.cfg
/etc/sv
/etc/sv/ssh
/etc/sv/ssh/log
/etc/sv/ssh/log/run
/etc/sv/ssh/run
/etc/sv/ssh/finish
```

```
/etc/sv/ssh/.meta
/etc/sv/ssh/.meta/installed
/etc/avahi
/etc/avahi/avahi-daemon.conf
/etc/avahi/services
/etc/avahi/hosts
/etc/skel
/etc/skel/.profile
/etc/skel/.bashrc
/etc/skel/.bash_logout
/etc/hostname
/etc/resolv.conf
/etc/group-
/etc/modprobe.d
/etc/modprobe.d/blacklist-8192cu.conf
/etc/modprobe.d/rfkill_default.conf
/etc/xdg
/etc/xdg/Xwayland-session.d
/etc/xdg/Xwayland-session.d/00-at-spi
/etc/xdg/user-dirs.defaults
/etc/xdg/autostart
/etc/xdg/autostart/at-spi-dbus-bus.desktop
/etc/xdg/autostart/xdg-user-dirs.desktop
/etc/xdg/systemd
/etc/xdg/systemd/user
/etc/xdg/user-dirs.conf
/etc/login.defs
/etc/emacs
/etc/emacs/site-start.d
/etc/emacs/site-start.d/50latexmk.el
/etc/emacs/site-start.d/50latex-cjk-common.el
/etc/emacs/site-start.d/50texlive-lang-english.el
/etc/emacs/site-start.d/50latex-cjk-thai.el
/etc/emacs/site-start.d/50asymptote.el
/etc/perl
/etc/perl/XML
/etc/perl/XML/SAX
/etc/perl/XML/SAX/ParserDetails.ini
/etc/perl/Net
/etc/perl/Net/libnet.cfg
/etc/cron.d
/etc/cron.d/.placeholder
/etc/cron.d/e2scrub_all
/etc/group
/etc/rc0.d
/etc/rc0.d/K01alsa-utils
/etc/rc0.d/K01exim4
/etc/rc0.d/K01rpcbind
/etc/rc0.d/K01nfs-common
/etc/rc0.d/K01fake-hwclock
/etc/rc0.d/K01acct
/etc/rc0.d/K01triggerhappy
/etc/rc0.d/K01atd
/etc/rc0.d/K01paxctld
/etc/rc0.d/K01udev
/etc/rc0.d/K01bluetooth
/etc/rc0.d/K01hwclock.sh
/etc/subgid-
/etc/initramfs-tools
/etc/initramfs-tools/modules
/etc/initramfs-tools/initramfs.conf.dpkg-dist
/etc/initramfs-tools/update-initramfs.conf
/etc/initramfs-tools/hooks
/etc/initramfs-tools/conf.d
```

```
/etc/initramfs-tools/scripts
/etc/initramfs-tools/scripts/init-premount
/etc/initramfs-tools/scripts/init-top
/etc/initramfs-tools/scripts/nfs-bottom
/etc/initramfs-tools/scripts/nfs-premount
/etc/initramfs-tools/scripts/local-premount
/etc/initramfs-tools/scripts/panic
/etc/initramfs-tools/scripts/nfs-top
/etc/initramfs-tools/scripts/init-bottom
/etc/initramfs-tools/scripts/local-top
/etc/initramfs-tools/scripts/local-bottom
/etc/initramfs-tools/initramfs.conf
/etc/fstab
/etc/rc5.d
/etc/rc5.d/S01exim4
/etc/rc5.d/S01atd
/etc/rc5.d/S01console-setup.sh
/etc/rc5.d/S01cron
/etc/rc5.d/S01rsync
/etc/rc5.d/S01triggerhappy
/etc/rc5.d/S01sudo
/etc/rc5.d/S01paxctld
/etc/rc5.d/S01acct
/etc/rc5.d/S01raspi-config
/etc/rc5.d/S01bluetooth
/etc/rc5.d/S01dphys-swapfile
/etc/rc5.d/S01ssh
/etc/rc5.d/S01dbus
/etc/nftables.conf
/etc/ImageMagick-6
/etc/ImageMagick-6/quantization-table.xml
/etc/ImageMagick-6/thresholds.xml
/etc/ImageMagick-6/type-dejavu.xml
/etc/ImageMagick-6/magic.xml
/etc/ImageMagick-6/coder.xml
/etc/ImageMagick-6/log.xml
/etc/ImageMagick-6/type.xml
/etc/ImageMagick-6/mime.xml
/etc/ImageMagick-6/policy.xml
/etc/ImageMagick-6/colors.xml
/etc/ImageMagick-6/type-windows.xml
/etc/ImageMagick-6/type-ghostscript.xml
/etc/ImageMagick-6/type-apple.xml
/etc/ImageMagick-6/delegates.xml
/etc/ImageMagick-6/type-urw-base35.xml
/etc/bindresvport.blacklist
/etc/logrotate.d
/etc/logrotate.d/ppp
/etc/logrotate.d/exim4-paniclog
/etc/logrotate.d/btmp
/etc/logrotate.d/alternatives
/etc/logrotate.d/apt
/etc/logrotate.d/wtmp
/etc/logrotate.d/exim4-base
/etc/logrotate.d/dpkg
/etc/ucf.conf
/etc/debian_version
/etc/e2scrub.conf
/etc/groff
/etc/groff/mdoc.local
/etc/groff/man.local
/etc/sudo_logsrvd.conf
/etc/bash_completion
/etc/bluetooth
```

/etc/bluetooth/network.conf
/etc/bluetooth/input.conf
/etc/bluetooth/main.conf
/etc/ssl
/etc/ssl/certs
/etc/ssl/certs/18856ac4.0
/etc/ssl/certs/b66938e9.0
/etc/ssl/certs/Izenpe.com.pem
/etc/ssl/certs/TUBITAK_Kamu_SM_SSL_Kok_Sertifikasi_-_Surum_1.pem
/etc/ssl/certs/7aaf71c0.0
/etc/ssl/certs/GlobalSign_Root_CA.pem
/etc/ssl/certs/706f604c.0
/etc/ssl/certs/5e98733a.0
/etc/ssl/certs/5f618aec.0
/etc/ssl/certs/f51bb24c.0
/etc/ssl/certs/1001acf7.0
/etc/ssl/certs/3e44d2f7.0
/etc/ssl/certs/Entrust_Root_Certification_Authority_-_G4.pem
/etc/ssl/certs/ISRG_Root_X2.pem
/etc/ssl/certs/0b1b94ef.0
/etc/ssl/certs/DigiCert_Assured_ID_Root_G3.pem
/etc/ssl/certs/HARICA_TLS_RSA_Root_CA_2021.pem
/etc/ssl/certs/5443e9e3.0
/etc/ssl/certs/Sectigo_Public_Server_Authentication_Root_R46.pem
/etc/ssl/certs/5ad8a5d6.0
/etc/ssl/certs/Atos_TrustedRoot_2011.pem
/etc/ssl/certs/607986c7.0
/etc/ssl/certs/Microsoft_ECC_Root_Certificate_Authority_2017.pem
/etc/ssl/certs/3e45d192.0
/etc/ssl/certs/Microsoft_RSA_Root_Certificate_Authority_2017.pem
/etc/ssl/certs/f3377b1b.0
/etc/ssl/certs/9d04f354.0
/etc/ssl/certs/Comodo_AAA_Services_root.pem
/etc/ssl/certs/T-TeleSec_GlobalRoot_Class_2.pem
/etc/ssl/certs/Certainly_Root_E1.pem
/etc/ssl/certs/AffirmTrust_Commercial.pem
/etc/ssl/certs/Hellenic_Academic_and_Research_Institutions_RootCA_2015.pem
/etc/ssl/certs/Buypass_Class_3_Root_CA.pem
/etc/ssl/certs/e8de2f56.0
/etc/ssl/certs/08063a00.0
/etc/ssl/certs/Certum_Trusted_Network_CA.pem
/etc/ssl/certs/SecureTrust_CA.pem
/etc/ssl/certs/0b9bc432.0
/etc/ssl/certs/0f6fa695.0
/etc/ssl/certs/5cd81ad7.0
/etc/ssl/certs/57bcb2da.0
/etc/ssl/certs/OISTE_WISeKey_Global_Root_GC_CA.pem
/etc/ssl/certs/eed8c118.0
/etc/ssl/certs/vTrus_Root_CA.pem
/etc/ssl/certs/Actalis_Authentication_Root_CA.pem
/etc/ssl/certs/DigiCert_Global_Root_G3.pem
/etc/ssl/certs/40193066.0
/etc/ssl/certs/ecccd8db.0
/etc/ssl/certs/e73d606e.0
/etc/ssl/certs/AffirmTrust_Networking.pem
/etc/ssl/certs/8508e720.0
/etc/ssl/certs/d6325660.0
/etc/ssl/certs/f0c70a8d.0
/etc/ssl/certs/7f3d5d1d.0
/etc/ssl/certs/TrustCor_RootCert_CA-1.pem
/etc/ssl/certs/Certigna_Root_CA.pem
/etc/ssl/certs/QuoVadis_Root_CA_2_G3.pem
/etc/ssl/certs/ISRG_Root_X1.pem
/etc/ssl/certs/Certigna.pem

/etc/ssl/certs/GDCA_TrustAUTH_R5_ROOT.pem
/etc/ssl/certs/AffirmTrust_Premium_ECC.pem
/etc/ssl/certs/d4dae3dd.0
/etc/ssl/certs/0a775a30.0
/etc/ssl/certs/USERTrust_RSA_Certification_Authority.pem
/etc/ssl/certs/AC_RAIZ_FNMT-RCM_SERVIDORES_SEGUROS.pem
/etc/ssl/certs/32888f65.0
/etc/ssl/certs/7719f463.0
/etc/ssl/certs/GlobalSign_ECC_Root_CA_-_R5.pem
/etc/ssl/certs/a3418fda.0
/etc/ssl/certs/1e08bfd1.0
/etc/ssl/certs/68dd7389.0
/etc/ssl/certs/XRamp_Global_CA_Root.pem
/etc/ssl/certs/d7e8dc79.0
/etc/ssl/certs/ee64a828.0
/etc/ssl/certs/cd58d51e.0
/etc/ssl/certs/TunTrust_Root_CA.pem
/etc/ssl/certs/DigiCert_Global_Root_G2.pem
/etc/ssl/certs/emSign_ECC_Root_CA_-_G3.pem
/etc/ssl/certs/cbf06781.0
/etc/ssl/certs/f30dd6ad.0
/etc/ssl/certs/c28a8a30.0
/etc/ssl/certs/Autoridad_de_Certificacion_Firmaprofesional_CIF_A62634068_2.pem
/etc/ssl/certs/b433981b.0
/etc/ssl/certs/DigiCert_Assured_ID_Root_G2.pem
/etc/ssl/certs/5a7722fb.0
/etc/ssl/certs/930ac5d2.0
/etc/ssl/certs/TrustCor_ECA-1.pem
/etc/ssl/certs/DigiCert_TLS_RSA4096_Root_G5.pem
/etc/ssl/certs/f39fc864.0
/etc/ssl/certs/988a38cb.0
/etc/ssl/certs/certSIGN_Root_CA_G2.pem
/etc/ssl/certs/D-TRUST_Root_Class_3_CA_2_EV_2009.pem
/etc/ssl/certs/8cb5ee0f.0
/etc/ssl/certs/ca-certificates.crt
/etc/ssl/certs/Amazon_Root_CA_3.pem
/etc/ssl/certs/Certum_Trusted_Root_CA.pem
/etc/ssl/certs/ePKI_Root_Certification_Authority.pem
/etc/ssl/certs/DigiCert_Trusted_Root_G4.pem
/etc/ssl/certs/e18bfb83.0
/etc/ssl/certs/4f316efb.0
/etc/ssl/certs/GTS_Root_R4.pem
/etc/ssl/certs/Autoridad_de_Certificacion_Firmaprofesional_CIF_A62634068.pem
/etc/ssl/certs/SSL.com_EV_Root_Certification_Authority_ECC.pem
/etc/ssl/certs/Telia_Root_CA_v2.pem
/etc/ssl/certs/feffd413.0
/etc/ssl/certs/E-Tugra_Global_Root_CA_RSA_v3.pem
/etc/ssl/certs/emSign_Root_CA_-_C1.pem
/etc/ssl/certs/Certum_EC-384_CA.pem
/etc/ssl/certs/fd64f3fc.0
/etc/ssl/certs/IdenTrust_Commercial_Root_CA_1.pem
/etc/ssl/certs/6b99d060.0
/etc/ssl/certs/D-TRUST_BR_Root_CA_1_2020.pem
/etc/ssl/certs/14bc7599.0
/etc/ssl/certs/Security_Communication_ECC_RootCA1.pem
/etc/ssl/certs/SZAFIR_ROOT_CA2.pem
/etc/ssl/certs/COMODO_ECC_Certification_Authority.pem
/etc/ssl/certs/653b494a.0
/etc/ssl/certs/8f103249.0
/etc/ssl/certs/54657681.0
/etc/ssl/certs/8d89cda1.0
/etc/ssl/certs/5273a94c.0
/etc/ssl/certs/GlobalSign_Root_R46.pem
/etc/ssl/certs/d52c538d.0

/etc/ssl/certs/3bde41ac.0
/etc/ssl/certs/ACCVRAIZ1.pem
/etc/ssl/certs/e113c810.0
/etc/ssl/certs/UCA_Extended_Validation_Root.pem
/etc/ssl/certs/GLOBALTRUST_2020.pem
/etc/ssl/certs/002c0b4f.0
/etc/ssl/certs/3bde41ac.1
/etc/ssl/certs/Hellenic_Academic_and_Research_Institutions_ECC_RootCA_2015.pem
/etc/ssl/certs/de6d66f3.0
/etc/ssl/certs/Security_Communication_RootCA2.pem
/etc/ssl/certs/Certainly_Root_R1.pem
/etc/ssl/certs/Entrust_Root_Certification_Authority_-_G2.pem
/etc/ssl/certs/b727005e.0
/etc/ssl/certs/1e09d511.0
/etc/ssl/certs/Trustwave_Global_ECC_P384_Certification_Authority.pem
/etc/ssl/certs/Certum_Trusted_Network_CA_2.pem
/etc/ssl/certs/0f5dc4f3.0
/etc/ssl/certs/75d1b2ed.0
/etc/ssl/certs/GlobalSign_ECC_Root_CA_-_R4.pem
/etc/ssl/certs/09789157.0
/etc/ssl/certs/9c8dfbd4.0
/etc/ssl/certs/aee5f10d.0
/etc/ssl/certs/Go_Daddy_Root_Certificate_Authority_-_G2.pem
/etc/ssl/certs/ff34af3f.0
/etc/ssl/certs/9482e63a.0
/etc/ssl/certs/T-TeleSec_GlobalRoot_Class_3.pem
/etc/ssl/certs/062cdee6.0
/etc/ssl/certs/Buypass_Class_2_Root_CA.pem
/etc/ssl/certs/Amazon_Root_CA_1.pem
/etc/ssl/certs/ca6e4ad9.0
/etc/ssl/certs/QuoVadis_Root_CA_1_G3.pem
/etc/ssl/certs/2ae6433e.0
/etc/ssl/certs/e35234b1.0
/etc/ssl/certs/Secure_Global_CA.pem
/etc/ssl/certs/DigiCert_Assured_ID_Root_CA.pem
/etc/ssl/certs/AffirmTrust_Premium.pem
/etc/ssl/certs/da0cfd1d.0
/etc/ssl/certs/8d86cdd1.0
/etc/ssl/certs/Starfield_Class_2_CA.pem
/etc/ssl/certs/Trustwave_Global_Certification_Authority.pem
/etc/ssl/certs/OISTE_WISeKey_Global_Root_GB_CA.pem
/etc/ssl/certs/D-TRUST_EV_Root_CA_1_2020.pem
/etc/ssl/certs/SwissSign_Silver_CA_-_G2.pem
/etc/ssl/certs/TWCA_Global_Root_CA.pem
/etc/ssl/certs/Security_Communication_RootCA3.pem
/etc/ssl/certs/Sectigo_Public_Server_Authentication_Root_E46.pem
/etc/ssl/certs/8160b96c.0
/etc/ssl/certs/E-Tugra_Certification_Authority.pem
/etc/ssl/certs/cd8c0d63.0
/etc/ssl/certs/b1159c4c.0
/etc/ssl/certs/Entrust_Root_Certification_Authority.pem
/etc/ssl/certs/SwissSign_Gold_CA_-_G2.pem
/etc/ssl/certs/cc450945.0
/etc/ssl/certs/vTrus_ECC_Root_CA.pem
/etc/ssl/certs/Security_Communication_Root_CA.pem
/etc/ssl/certs/5860aaa6.0
/etc/ssl/certs/1d3472b9.0
/etc/ssl/certs/AC_RAIZ_FNMT-RCM.pem
/etc/ssl/certs/02265526.0
/etc/ssl/certs/f249de83.0
/etc/ssl/certs/Hongkong_Post_Root_CA_3.pem
/etc/ssl/certs/D-TRUST_Root_Class_3_CA_2_2009.pem
/etc/ssl/certs/9846683b.0
/etc/ssl/certs/9b5697b0.0

/etc/ssl/certs/IdenTrust_Public_Sector_Root_CA_1.pem
/etc/ssl/certs/dc4d6a89.0
/etc/ssl/certs/ef954a4e.0
/etc/ssl/certs/f387163d.0
/etc/ssl/certs/SSL.com_Root_Certification_Authority_RSA.pem
/etc/ssl/certs/fc5a8f99.0
/etc/ssl/certs/626dceaf.0
/etc/ssl/certs/9046744a.0
/etc/ssl/certs/749e9e03.0
/etc/ssl/certs/DigiCert_TLS_ECC_P384_Root_G5.pem
/etc/ssl/certs/CA_Disig_Root_R2.pem
/etc/ssl/certs/5931b5bc.0
/etc/ssl/certs/QuoVadis_Root_CA_3_G3.pem
/etc/ssl/certs/Hongkong_Post_Root_CA_1.pem
/etc/ssl/certs/4b718d9b.0
/etc/ssl/certs/06dc52d5.0
/etc/ssl/certs/e868b802.0
/etc/ssl/certs/fa5da96b.0
/etc/ssl/certs/Microsec_e-Szigno_Root_CA_2009.pem
/etc/ssl/certs/GlobalSign_Root_E46.pem
/etc/ssl/certs/b81b93f0.0
/etc/ssl/certs/ANF_Secure_Server_Root_CA.pem
/etc/ssl/certs/5f15c80c.0
/etc/ssl/certs/SSL.com_EV_Root_Certification_Authority_RSA_R2.pem
/etc/ssl/certs/90c5a3c8.0
/etc/ssl/certs/USERTrust_ECC_Certification_Authority.pem
/etc/ssl/certs/SSL.com_Root_Certification_Authority_ECC.pem
/etc/ssl/certs/ce5e74ef.0
/etc/ssl/certs/9f727ac7.0
/etc/ssl/certs/DigiCert_High_Assurance_EV_Root_CA.pem
/etc/ssl/certs/SecureSign_RootCA11.pem
/etc/ssl/certs/5d3033c5.0
/etc/ssl/certs/c01eb047.0
/etc/ssl/certs/b0e59380.0
/etc/ssl/certs/DigiCert_Global_Root_CA.pem
/etc/ssl/certs/certSIGN_ROOT_CA.pem
/etc/ssl/certs/NAVER_Global_Root_Certification_Authority.pem
/etc/ssl/certs/HiPKI_Root_CA_-_G1.pem
/etc/ssl/certs/fe8a2cd8.0
/etc/ssl/certs/064e0aa9.0
/etc/ssl/certs/UCA_Global_G2_Root.pem
/etc/ssl/certs/f081611a.0
/etc/ssl/certs/GlobalSign_Root_CA_-_R3.pem
/etc/ssl/certs/e-Szigno_Root_CA_2017.pem
/etc/ssl/certs/Starfield_Root_Certificate_Authority_-_G2.pem
/etc/ssl/certs/TWCA_Root_Certification_Authority.pem
/etc/ssl/certs/NetLock_Arany_=Class_Gold=_FÅ‘tanÃºsÃtvÃ¡ny.pem
/etc/ssl/certs/GTS_Root_R1.pem
/etc/ssl/certs/Amazon_Root_CA_2.pem
/etc/ssl/certs/244b5494.0
/etc/ssl/certs/3fb36b73.0
/etc/ssl/certs/3513523f.0
/etc/ssl/certs/emSign_ECC_Root_CA_-_C3.pem
/etc/ssl/certs/QuoVadis_Root_CA_3.pem
/etc/ssl/certs/106f3e4d.0
/etc/ssl/certs/Entrust.net_Premium_2048_Secure_Server_CA.pem
/etc/ssl/certs/9ef4a08a.0
/etc/ssl/certs/TeliaSonera_Root_CA_v1.pem
/etc/ssl/certs/b7a5b843.0
/etc/ssl/certs/emSign_Root_CA_-_G1.pem
/etc/ssl/certs/GTS_Root_R2.pem
/etc/ssl/certs/QuoVadis_Root_CA_2.pem
/etc/ssl/certs/Go_Daddy_Class_2_CA.pem
/etc/ssl/certs/CFCA_EV_ROOT.pem

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/etc/ssl/certs/e36a6752.0
/etc/ssl/certs/6d41d539.0
/etc/ssl/certs/48bec511.0
/etc/ssl/certs/Entrust_Root_Certification_Authority_-_EC1.pem
/etc/ssl/certs/40547a79.0
/etc/ssl/certs/7a3adc42.0
/etc/ssl/certs/GlobalSign_Root_CA_-_R6.pem
/etc/ssl/certs/Amazon_Root_CA_4.pem
/etc/ssl/certs/406c9bb1.0
/etc/ssl/certs/COMODO_RSA_Certification_Authority.pem
/etc/ssl/certs/a94d09e5.0
/etc/ssl/certs/0bf05006.0
/etc/ssl/certs/773e07ad.0
/etc/ssl/certs/4042bcee.0
/etc/ssl/certs/Baltimore_CyberTrust_Root.pem
/etc/ssl/certs/HARICA_TLS_ECC_Root_CA_2021.pem
/etc/ssl/certs/6fa5da56.0
/etc/ssl/certs/java
/etc/ssl/certs/java/cacerts
/etc/ssl/certs/2b349938.0
/etc/ssl/certs/TrustCor_RootCert_CA-2.pem
/etc/ssl/certs/ed858448.0
/etc/ssl/certs/2923b3f9.0
/etc/ssl/certs/66445960.0
/etc/ssl/certs/bf53fb88.0
/etc/ssl/certs/Trustwave_Global_ECC_P256_Certification_Authority.pem
/etc/ssl/certs/7a780d93.0
/etc/ssl/certs/Starfield_Services_Root_Certificate_Authority_-_G2.pem
/etc/ssl/certs/COMODO_Certification_Authority.pem
/etc/ssl/certs/4bfab552.0
/etc/ssl/certs/76faf6c0.0
/etc/ssl/certs/d887a5bb.0
/etc/ssl/certs/93bc0acc.0
/etc/ssl/certs/GTS_Root_R3.pem
/etc/ssl/certs/E-Tugra_Global_Root_CA_ECC_v3.pem
/etc/ssl/certs/dd8e9d41.0
find: â ˜/etc/ssl/privateâ ™: Permission denied
/etc/ssl/openssl.cnf
/etc/deluser.conf
/etc/update-motd.d
/etc/update-motd.d/10-uname
/etc/ld.so.preload
/etc/bash.bashrc
/etc/rpc
/etc/ca-certificates
/etc/ca-certificates/update.d
/etc/ca-certificates/update.d/jks-keystore
/etc/initramfs
/etc/initramfs/post-update.d
/etc/initramfs/post-update.d/z50-raspi-firmware
/etc/sysctl.conf
/etc/cron.monthly
/etc/cron.monthly/acct
/etc/cron.monthly/.placeholder
/etc/rc1.d
/etc/rc1.d/K01alsa-utils
/etc/rc1.d/K01exim4
/etc/rc1.d/K01nfs-common
/etc/rc1.d/K01fake-hwclock
/etc/rc1.d/K01acct
/etc/rc1.d/K01triggerhappy
/etc/rc1.d/K01atd
/etc/rc1.d/K01paxctld
/etc/rc1.d/K01bluetooth
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/etc/nfs.conf.d
/etc/mime.types
/etc/apparmor.d
/etc/apparmor.d/local
/etc/apparmor.d/local/usr.bin.man
/etc/apparmor.d/local/nvidia_modprobe
/etc/apparmor.d/local/sbin.dhclient
/etc/apparmor.d/local/README
/etc/apparmor.d/local/lsb_release
/etc/apparmor.d/abstractions
/etc/apparmor.d/abstractions/dbus
/etc/apparmor.d/abstractions/freedesktop.org
/etc/apparmor.d/abstractions/dovecot-common
/etc/apparmor.d/abstractions/ubuntu-console-email
/etc/apparmor.d/abstractions/recent-documents-write
/etc/apparmor.d/abstractions/base
/etc/apparmor.d/abstractions/gnupg
/etc/apparmor.d/abstractions/snap_browsers
/etc/apparmor.d/abstractions/php5
/etc/apparmor.d/abstractions/private-files-strict
/etc/apparmor.d/abstractions/winbind
/etc/apparmor.d/abstractions/fcitx
/etc/apparmor.d/abstractions/ubuntu-unity7-messaging
/etc/apparmor.d/abstractions/nvidia
/etc/apparmor.d/abstractions/consoles
/etc/apparmor.d/abstractions/nameservice
/etc/apparmor.d/abstractions/kerberosclient
/etc/apparmor.d/abstractions/ubuntu-konsole
/etc/apparmor.d/abstractions/dbus-session
/etc/apparmor.d/abstractions/ubuntu-email
/etc/apparmor.d/abstractions/ubuntu-unity7-base
/etc/apparmor.d/abstractions/gnome
/etc/apparmor.d/abstractions/gtk
/etc/apparmor.d/abstractions/p11-kit
/etc/apparmor.d/abstractions/mdns
/etc/apparmor.d/abstractions/python
/etc/apparmor.d/abstractions/ubuntu-helpers
/etc/apparmor.d/abstractions/ruby
/etc/apparmor.d/abstractions/nis
/etc/apparmor.d/abstractions/nss-systemd
/etc/apparmor.d/abstractions/mesa
/etc/apparmor.d/abstractions/likewise
/etc/apparmor.d/abstractions/postfix-common
/etc/apparmor.d/abstractions/authentication
/etc/apparmor.d/abstractions/wutmp
/etc/apparmor.d/abstractions/vulkan
/etc/apparmor.d/abstractions/dbus-accessibility-strict
/etc/apparmor.d/abstractions/apparmor_api
/etc/apparmor.d/abstractions/apparmor_api/find_mountpoint
/etc/apparmor.d/abstractions/apparmor_api/examine
/etc/apparmor.d/abstractions/apparmor_api/change_profile
/etc/apparmor.d/abstractions/apparmor_api/is_enabled
/etc/apparmor.d/abstractions/apparmor_api/introspect
/etc/apparmor.d/abstractions/php-worker
/etc/apparmor.d/abstractions/dri-common
/etc/apparmor.d/abstractions/mysql
/etc/apparmor.d/abstractions/hosts_access
/etc/apparmor.d/abstractions/ubuntu-unity7-launcher
/etc/apparmor.d/abstractions/ubuntu-bittorrent-clients
/etc/apparmor.d/abstractions/user-tmp
/etc/apparmor.d/abstractions/xdg-desktop
/etc/apparmor.d/abstractions/ldapclient
/etc/apparmor.d/abstractions/ibus
/etc/apparmor.d/abstractions/ubuntu-gnome-terminal
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/etc/apparmor.d/abstractions/user-write
/etc/apparmor.d/abstractions/ubuntu-browsers
/etc/apparmor.d/abstractions/gvfs-open
/etc/apparmor.d/abstractions/openssl
/etc/apparmor.d/abstractions/mir
/etc/apparmor.d/abstractions/orbit2
/etc/apparmor.d/abstractions/xdg-open
/etc/apparmor.d/abstractions/perl
/etc/apparmor.d/abstractions/samba
/etc/apparmor.d/abstractions/user-manpages
/etc/apparmor.d/abstractions/crypto
/etc/apparmor.d/abstractions/enchant
/etc/apparmor.d/abstractions/opencl-common
/etc/apparmor.d/abstractions/mozc
/etc/apparmor.d/abstractions/dbus-network-manager-strict
/etc/apparmor.d/abstractions/kde
/etc/apparmor.d/abstractions/fcitx-strict
/etc/apparmor.d/abstractions/opencl
/etc/apparmor.d/abstractions/svn-repositories
/etc/apparmor.d/abstractions/ubuntu-xterm
/etc/apparmor.d/abstractions/kde-globals-write
/etc/apparmor.d/abstractions/cups-client
/etc/apparmor.d/abstractions/web-data
/etc/apparmor.d/abstractions/gio-open
/etc/apparmor.d/abstractions/private-files
/etc/apparmor.d/abstractions/dri-enumerate
/etc/apparmor.d/abstractions/libpam-systemd
/etc/apparmor.d/abstractions/X
/etc/apparmor.d/abstractions/smbpass
/etc/apparmor.d/abstractions/qt5-settings-write
/etc/apparmor.d/abstractions/kde-open5
/etc/apparmor.d/abstractions/bash
/etc/apparmor.d/abstractions/opencl-nvidia
/etc/apparmor.d/abstractions/php
/etc/apparmor.d/abstractions/ubuntu-feed-readers
/etc/apparmor.d/abstractions/qt5
/etc/apparmor.d/abstractions/ubuntu-browsers.d
/etc/apparmor.d/abstractions/ubuntu-browsers.d/chromium-browser
/etc/apparmor.d/abstractions/ubuntu-browsers.d/mailto
/etc/apparmor.d/abstractions/ubuntu-browsers.d/text-editors
/etc/apparmor.d/abstractions/ubuntu-browsers.d/ubuntu-integration
/etc/apparmor.d/abstractions/ubuntu-browsers.d/kde
/etc/apparmor.d/abstractions/ubuntu-browsers.d/multimedia
/etc/apparmor.d/abstractions/ubuntu-browsers.d/ubuntu-integration-xul
/etc/apparmor.d/abstractions/ubuntu-browsers.d/user-files
/etc/apparmor.d/abstractions/ubuntu-browsers.d/plugins-common
/etc/apparmor.d/abstractions/ubuntu-browsers.d/productivity
/etc/apparmor.d/abstractions/ubuntu-browsers.d/java
/etc/apparmor.d/abstractions/opencl-mesa
/etc/apparmor.d/abstractions/ubuntu-console-browsers
/etc/apparmor.d/abstractions/aspell
/etc/apparmor.d/abstractions/dconf
/etc/apparmor.d/abstractions/dbus-accessibility
/etc/apparmor.d/abstractions/apache2-common
/etc/apparmor.d/abstractions/opencl-intel
/etc/apparmor.d/abstractions/dbus-strict
/etc/apparmor.d/abstractions/exo-open
/etc/apparmor.d/abstractions/xad
/etc/apparmor.d/abstractions/ubuntu-media-players
/etc/apparmor.d/abstractions/ssl_certs
/etc/apparmor.d/abstractions/user-mail
/etc/apparmor.d/abstractions/samba-rpcd
/etc/apparmor.d/abstractions/ssl_keys
/etc/apparmor.d/abstractions/wayland
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/etc/apparmor.d/abstractions/audio
/etc/apparmor.d/abstractions/opencl-pocl
/etc/apparmor.d/abstractions/qt5-compose-cache-write
/etc/apparmor.d/abstractions/fonts
/etc/apparmor.d/abstractions/user-download
/etc/apparmor.d/abstractions/dbus-session-strict
/etc/apparmor.d/abstractions/video
/etc/apparmor.d/abstractions/kde-icon-cache-write
/etc/apparmor.d/abstractions/kde-language-write
/etc/apparmor.d/usr.bin.man
/etc/apparmor.d/nvidia_modprobe
/etc/apparmor.d/disable
/etc/apparmor.d/sbin.dhclient
/etc/apparmor.d/force-complain
/etc/apparmor.d/abi
/etc/apparmor.d/abi/kernel-5.4-vanilla
/etc/apparmor.d/abi/kernel-5.4-outoftree-network
/etc/apparmor.d/abi/3.0
/etc/apparmor.d/tunables
/etc/apparmor.d/tunables/kernelvars
/etc/apparmor.d/tunables/apparmorfs
/etc/apparmor.d/tunables/home
/etc/apparmor.d/tunables/securityfs
/etc/apparmor.d/tunables/multiarch
/etc/apparmor.d/tunables/proc
/etc/apparmor.d/tunables/dovecot
/etc/apparmor.d/tunables/sys
/etc/apparmor.d/tunables/run
/etc/apparmor.d/tunables/alias
/etc/apparmor.d/tunables/multiarch.d
/etc/apparmor.d/tunables/multiarch.d/site.local
/etc/apparmor.d/tunables/share
/etc/apparmor.d/tunables/xdg-user-dirs.d
/etc/apparmor.d/tunables/xdg-user-dirs.d/site.local
/etc/apparmor.d/tunables/global
/etc/apparmor.d/tunables/xdg-user-dirs
/etc/apparmor.d/tunables/etc
/etc/apparmor.d/tunables/home.d
/etc/apparmor.d/tunables/home.d/ubuntu
/etc/apparmor.d/tunables/home.d/site.local
/etc/apparmor.d/lsb_release
/etc/terminfo
/etc/terminfo/README
/etc/polkit-1
find: â ˜/etc/polkit-1/localauthorityâ ™: Permission denied
find: â ˜/etc/polkit-1/rules.dâ ™: Permission denied
/etc/polkit-1/localauthority.conf.d
/etc/cron.hourly
/etc/cron.hourly/fake-hwclock
/etc/cron.hourly/.placeholder
/etc/usb_modeswitch.d
/etc/exim4
/etc/exim4/update-exim4.conf.conf
/etc/exim4/conf.d
/etc/exim4/conf.d/rewrite
/etc/exim4/conf.d/rewrite/31_exim4-config_rewriting
/etc/exim4/conf.d/rewrite/00_exim4-config_header
/etc/exim4/conf.d/main
/etc/exim4/conf.d/main/90_exim4-config_log_selector
/etc/exim4/conf.d/main/03_exim4-config_tlsoptions
/etc/exim4/conf.d/main/01_exim4-config_listmacrosdefs
/etc/exim4/conf.d/main/02_exim4-config_options
/etc/exim4/conf.d/transport
/etc/exim4/conf.d/transport/30_exim4-config_address_reply
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/etc/exim4/conf.d/transport/30_exim4-config_remote_smtp
/etc/exim4/conf.d/transport/30_exim4-config_address_pipe
/etc/exim4/conf.d/transport/35_exim4-config_address_directory
/etc/exim4/conf.d/transport/30_exim4-config_address_file
/etc/exim4/conf.d/transport/10_exim4-config_transport-macros
/etc/exim4/conf.d/transport/30_exim4-config_mail_spool
/etc/exim4/conf.d/transport/30_exim4-config_maildrop_pipe
/etc/exim4/conf.d/transport/30_exim4-config_remote_smtp_smarthost
/etc/exim4/conf.d/transport/30_exim4-config_maildir_home
/etc/exim4/conf.d/transport/00_exim4-config_header
/etc/exim4/conf.d/transport/30_exim4-config_procmail_pipe
/etc/exim4/conf.d/retry
/etc/exim4/conf.d/retry/30_exim4-config
/etc/exim4/conf.d/retry/00_exim4-config_header
/etc/exim4/conf.d/router
/etc/exim4/conf.d/router/850_exim4-config_lowuid
/etc/exim4/conf.d/router/100_exim4-config_domain_literal
/etc/exim4/conf.d/router/800_exim4-config_maildrop
/etc/exim4/conf.d/router/200_exim4-config_primary
/etc/exim4/conf.d/router/500_exim4-config_hubuser
/etc/exim4/conf.d/router/600_exim4-config_userforward
/etc/exim4/conf.d/router/900_exim4-config_local_user
/etc/exim4/conf.d/router/mmm_mail4root
/etc/exim4/conf.d/router/300_exim4-config_real_local
/etc/exim4/conf.d/router/400_exim4-config_system_aliases
/etc/exim4/conf.d/router/700_exim4-config_procmail
/etc/exim4/conf.d/router/150_exim4-config_hubbed_hosts
/etc/exim4/conf.d/router/00_exim4-config_header
/etc/exim4/conf.d/auth
/etc/exim4/conf.d/auth/30_exim4-config_examples
/etc/exim4/conf.d/auth/00_exim4-config_header
/etc/exim4/conf.d/acl
/etc/exim4/conf.d/acl/30_exim4-config_check_rcpt
/etc/exim4/conf.d/acl/30_exim4-config_check_mail
/etc/exim4/conf.d/acl/20_exim4-config_local_deny_exceptions
/etc/exim4/conf.d/acl/00_exim4-config_header
/etc/exim4/conf.d/acl/40_exim4-config_check_data
/etc/exim4/exim4.conf.template
/etc/ethertypes
/etc/chktexrc
/etc/apparmor
/etc/apparmor/parser.conf
/etc/logrotate.conf
/etc/console-setup
/etc/console-setup/compose.ISO-8859-7.inc
/etc/console-setup/compose.ISO-8859-4.inc
/etc/console-setup/compose.ISO-8859-16.inc
/etc/console-setup/cached_setup_keyboard.sh
/etc/console-setup/compose.GEORGIAN-PS.inc
/etc/console-setup/compose.ISO-8859-9.inc
/etc/console-setup/cached_UTF-8_del.kmap.gz
/etc/console-setup/compose.IBM1133.inc
/etc/console-setup/compose.ISO-8859-2.inc
/etc/console-setup/cached_setup_font.sh
/etc/console-setup/compose.ISO-8859-1.inc
/etc/console-setup/compose.ISIRI-3342.inc
/etc/console-setup/compose.ISO-8859-11.inc
/etc/console-setup/compose.ISO-8859-6.inc
/etc/console-setup/compose.KOI8-U.inc
/etc/console-setup/compose.VISCII.inc
/etc/console-setup/compose.ISO-8859-8.inc
/etc/console-setup/compose.CP1255.inc
/etc/console-setup/compose.CP1251.inc
/etc/console-setup/compose.TIS-620.inc
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/etc/console-setup/compose.ISO-8859-10.inc
/etc/console-setup/compose.ISO-8859-5.inc
/etc/console-setup/compose.CP1256.inc
/etc/console-setup/compose.GEORGIAN-ACADEMY.inc
/etc/console-setup/cached_setup_terminal.sh
/etc/console-setup/compose.ISO-8859-14.inc
/etc/console-setup/compose.ISO-8859-3.inc
/etc/console-setup/compose.ISO-8859-15.inc
/etc/console-setup/compose.ARMSCII-8.inc
/etc/console-setup/compose.KOI8-R.inc
/etc/console-setup/remap.inc
/etc/console-setup/compose.ISO-8859-13.inc
/etc/xattr.conf
/etc/triggerhappy
/etc/triggerhappy/triggers.d
/etc/runit
/etc/runit/runsvdir
/etc/runit/runsvdir/default
/etc/runit/runsvdir/default/ssh
/etc/xml
/etc/xml/catalog.old
/etc/xml/polkitd.xml
/etc/xml/catalog
/etc/xml/polkitd.xml.old
/etc/xml/xml-core.xml.old
/etc/xml/xml-core.xml
/etc/libpaper.d
/etc/libpaper.d/texlive-base
/etc/matplotlibrc
/etc/request-key.conf
/etc/rc4.d
/etc/rc4.d/S01exim4
/etc/rc4.d/S01atd
/etc/rc4.d/S01console-setup.sh
/etc/rc4.d/S01cron
/etc/rc4.d/S01rsync
/etc/rc4.d/S01triggerhappy
/etc/rc4.d/S01sudo
/etc/rc4.d/S01paxctld
/etc/rc4.d/S01acct
/etc/rc4.d/S01raspi-config
/etc/rc4.d/S01bluetooth
/etc/rc4.d/S01dphys-swapfile
/etc/rc4.d/S01ssh
/etc/rc4.d/S01dbus
/etc/vim
/etc/vim/vimrc
/etc/vim/vimrc.tiny
/etc/host.conf
/etc/subgid
/etc/gtk-2.0
/etc/gtk-2.0/im-multipress.conf
/etc/subuid-
/etc/fake-hwclock.data
/etc/hosts.allow
/etc/sensors3.conf
/etc/motd
/etc/crontab
/etc/libnl-3
/etc/libnl-3/pktloc
/etc/libnl-3/classid
/etc/passwd-
/etc/request-key.d
/etc/request-key.d/cifs.idmap.conf

/etc/request-key.d/id_resolver.conf
/etc/request-key.d/cifs.spnego.conf
/etc/rmt
/etc/dconf
/etc/dconf/db
/etc/dconf/db/local
/etc/dconf/db/local.d
/etc/dconf/db/local.d/00_keyboard
/etc/dconf/profile
/etc/dconf/profile/user
/etc/profile.d
/etc/profile.d/dpkg-limit.sh
/etc/profile.d/bash_completion.sh
/etc/profile.d/sshpwd.sh
/etc/profile.d/at-dbus-fix.sh
/etc/profile.d/wifi-check.sh
/etc/apache2
/etc/apache2/conf-available
/etc/apache2/conf-available/javascript-common.conf
/etc/adduser.conf
/etc/alternatives
/etc/alternatives/lzfgrep.1.gz
/etc/alternatives/ex.fr.1.gz
/etc/alternatives/jpackage
/etc/alternatives/lzcmp
/etc/alternatives/composite-im6
/etc/alternatives/traceroute6.1.gz
/etc/alternatives/lzfgrep
/etc/alternatives/lua-compiler-manual
/etc/alternatives/lua-compiler
/etc/alternatives/lua-manual
/etc/alternatives/keytool
/etc/alternatives/stream
/etc/alternatives/pico
/etc/alternatives/vi.ja.1.gz
/etc/alternatives/vi.fr.1.gz
/etc/alternatives/traceroute.1.gz
/etc/alternatives/lzegrep
/etc/alternatives/identify-im6
/etc/alternatives/unlzma
/etc/alternatives/vi.pl.1.gz
/etc/alternatives/conjure.1.gz
/etc/alternatives/montage.1.gz
/etc/alternatives/view.pl.1.gz
/etc/alternatives/compare
/etc/alternatives/x-cursor-theme
/etc/alternatives/idmap-plugin.8.gz
/etc/alternatives/mailx
/etc/alternatives/ex.ru.1.gz
/etc/alternatives/regulatory.db
/etc/alternatives/bibtex.1.gz
/etc/alternatives/identify-im6.1.gz
/etc/alternatives/convert-im6.1.gz
/etc/alternatives/mt
/etc/alternatives/view
/etc/alternatives/ex
/etc/alternatives/ex.da.1.gz
/etc/alternatives/pinentry
/etc/alternatives/view.tr.1.gz
/etc/alternatives/display
/etc/alternatives/mailx.1.gz
/etc/alternatives/x-terminal-emulator.1.gz
/etc/alternatives/open.1.gz
/etc/alternatives/montage-im6.1.gz

/etc/alternatives/cc
/etc/alternatives/tcptraceroute
/etc/alternatives/composite-im6.1.gz
/etc/alternatives/x-terminal-emulator
/etc/alternatives/rmiregistry.1.gz
/etc/alternatives/jexec
/etc/alternatives/editor.1.gz
/etc/alternatives/convert.1.gz
/etc/alternatives/conjure-im6.1.gz
/etc/alternatives/jexec-binfmt
/etc/alternatives/which.de1.gz
/etc/alternatives/fakeroot.sv.1.gz
/etc/alternatives/openjade
/etc/alternatives/mail.1.gz
/etc/alternatives/pinentry.1.gz
/etc/alternatives/awk
/etc/alternatives/animate-im6
/etc/alternatives/display-im6
/etc/alternatives/which.es1.gz
/etc/alternatives/which.it1.gz
/etc/alternatives/mogrify-im6
/etc/alternatives/montage-im6
/etc/alternatives/vi.1.gz
/etc/alternatives/view.ru.1.gz
/etc/alternatives/traceroute
/etc/alternatives/rview
/etc/alternatives/nc.1.gz
/etc/alternatives/vi.de.1.gz
/etc/alternatives/fakeroot
/etc/alternatives/lzgrep
/etc/alternatives/openjade.1.gz
/etc/alternatives/lft.1.gz
/etc/alternatives/animate
/etc/alternatives/convert
/etc/alternatives/unlzma.1.gz
/etc/alternatives/view.ja.1.gz
/etc/alternatives/lzcmp.1.gz
/etc/alternatives/lzegrep.1.gz
/etc/alternatives/c99.1.gz
/etc/alternatives/lft
/etc/alternatives/editor
/etc/alternatives/compare.1.gz
/etc/alternatives/Mail
/etc/alternatives/pico.1.gz
/etc/alternatives/display-im6.1.gz
/etc/alternatives/composite
/etc/alternatives/nc
/etc/alternatives/Mail.1.gz
/etc/alternatives/view.de.1.gz
/etc/alternatives/montage
/etc/alternatives/stream.1.gz
/etc/alternatives/builtins.7.gz
/etc/alternatives/keytool.1.gz
/etc/alternatives/c89
/etc/alternatives/rmiregistry
/etc/alternatives/view.fr.1.gz
/etc/alternatives/import.1.gz
/etc/alternatives/open
/etc/alternatives/cpp
/etc/alternatives/lzcat
/etc/alternatives/awk.1.gz
/etc/alternatives/import
/etc/alternatives/import-im6
/etc/alternatives/ex.1.gz

/etc/alternatives/view.it.1.gz
/etc/alternatives/lzgrep.1.gz
/etc/alternatives/lzma
/etc/alternatives/compare-im6.1.gz
/etc/alternatives/netcat
/etc/alternatives/rvim
/etc/alternatives/composite.1.gz
/etc/alternatives/conjure
/etc/alternatives/c89.1.gz
/etc/alternatives/vim
/etc/alternatives/which.pl1.gz
/etc/alternatives/xdvi.bin
/etc/alternatives/stream-im6
/etc/alternatives/java.1.gz
/etc/alternatives/README
/etc/alternatives/fakeroot.fr.1.gz
/etc/alternatives/faked.es.1.gz
/etc/alternatives/mogrify
/etc/alternatives/cyfmac43455-sdio.bin
/etc/alternatives/faked.sv.1.gz
/etc/alternatives/rmt
/etc/alternatives/lzdiff
/etc/alternatives/jpackage.1.gz
/etc/alternatives/convert-im6
/etc/alternatives/rmt.8.gz
/etc/alternatives/animate.1.gz
/etc/alternatives/idmap-plugin
/etc/alternatives/mogrify-im6.1.gz
/etc/alternatives/stream-im6.1.gz
/etc/alternatives/identify.1.gz
/etc/alternatives/netcat.1.gz
/etc/alternatives/libblas.so.3-arm-linux-gnueabihf
/etc/alternatives/lzmore.1.gz
/etc/alternatives/view.1.gz
/etc/alternatives/mogrify.1.gz
/etc/alternatives/nawk
/etc/alternatives/which.fr1.gz
/etc/alternatives/lzma.1.gz
/etc/alternatives/vi.da.1.gz
/etc/alternatives/view.da.1.gz
/etc/alternatives/mt.1.gz
/etc/alternatives/vi.it.1.gz
/etc/alternatives/fakeroot.1.gz
/etc/alternatives/traceproto.1.gz
/etc/alternatives/nawk.1.gz
/etc/alternatives/vimdiff
/etc/alternatives/pager
/etc/alternatives/display.1.gz
/etc/alternatives/lua-interpreter
/etc/alternatives/infobrowser.1.gz
/etc/alternatives/vi.ru.1.gz
/etc/alternatives/pager.1.gz
/etc/alternatives/which
/etc/alternatives/traceroute.sbin
/etc/alternatives/import-im6.1.gz
/etc/alternatives/ex.tr.1.gz
/etc/alternatives/lzless
/etc/alternatives/lzcat.1.gz
/etc/alternatives/traceroute6
/etc/alternatives/conjure-im6
/etc/alternatives/which.sl1.gz
/etc/alternatives/mail
/etc/alternatives/which.ja1.gz
/etc/alternatives/c++

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/etc/alternatives/ex.it.1.gz
/etc/alternatives/compare-im6
/etc/alternatives/lzmore
/etc/alternatives/ex.de.1.gz
/etc/alternatives/regulatory.db.p7s
/etc/alternatives/lzless.1.gz
/etc/alternatives/vi
/etc/alternatives/traceproto
/etc/alternatives/ex.ja.1.gz
/etc/alternatives/fakeroot.es.1.gz
/etc/alternatives/animate-im6.1.gz
/etc/alternatives/lzdiff.1.gz
/etc/alternatives/tcptraceroute.8.gz
/etc/alternatives/which.1.gz
/etc/alternatives/ex.pl.1.gz
/etc/alternatives/java
/etc/alternatives/infobrowser
/etc/alternatives/vi.tr.1.gz
/etc/alternatives/faked.1.gz
/etc/alternatives/faked.fr.1.gz
/etc/alternatives/c99
/etc/alternatives/liblapack.so.3-arm-linux-gnueabihf
/etc/alternatives/bibtex
/etc/alternatives/identify
/etc/sudo.conf
/etc/ld.so.cache
/etc/wgetrc
/etc/machine-id
/etc/logcheck
/etc/logcheck/ignore.d.server
/etc/logcheck/ignore.d.server/gpg-agent
/etc/insserv.conf.d
/etc/insserv.conf.d/rpcbind
/etc/networks
/etc/ld.so.conf.d
/etc/ld.so.conf.d/arm-linux-gnueabihf.conf
/etc/ld.so.conf.d/fakeroot-arm-linux-gnueabihf.conf
/etc/ld.so.conf.d/libc.conf
/etc/hosts.deny
/etc/ModemManager
/etc/ModemManager/fcc-unlock.d
/etc/ModemManager/connection.d
/etc/idmapd.conf
/etc/mke2fs.conf
/etc/issue.d
/etc/issue.d/IP.issue
/etc/binfmt.d
/etc/issue.net
/etc/localtime
/etc/local.gen
/etc/manpath.config
/etc/ifplugd
/etc/ifplugd/action.d
/etc/ifplugd/action.d/action_wpa
/etc/sysctl.d
/etc/sysctl.d/98-rpi.conf
/etc/sysctl.d/README.sysctl
/etc/sysctl.d/99-sysctl.conf
/etc/sensors.d
/etc/sensors.d/.placeholder
/etc/locale.gen
/etc/pam.conf
/etc/environment
/etc/gss
```

```
/etc/gss/mech.d
/etc/sudoers.d
/etc/wpa_supplicant
/etc/wpa_supplicant/action_wpa.sh
/etc/wpa_supplicant/ifupdown.sh
/etc/wpa_supplicant/functions.sh
/etc/udev
/etc/udev/udev.conf
/etc/udev/hwdb.d
/etc/udev/rules.d
/etc/udev/rules.d/99-com.rules
/etc/systemd
/etc/systemd/timesyncd.conf
/etc/systemd/logind.conf
/etc/systemd/network
/etc/systemd/network/73-usb-net-by-mac.link
/etc/systemd/network/99-default.link
/etc/systemd/journald.conf
/etc/systemd/pstore.conf
/etc/systemd/system
/etc/systemd/system/dbus-org.freedesktop.ModemManager1.service
/etc/systemd/system/dbus-org.freedesktop.Avahi.service
/etc/systemd/system/getty.target.wants
/etc/systemd/system/getty.target.wants/getty@tty1.service
/etc/systemd/system/dbus-fi.w1.wpa_supplicant1.service
/etc/systemd/system/default.target
/etc/systemd/system/graphical.target.wants
/etc/systemd/system/graphical.target.wants/udisks2.service
/etc/systemd/system/sockets.target.wants
/etc/systemd/system/sockets.target.wants/avahi-daemon.socket
/etc/systemd/system/sockets.target.wants/triggerhappy.socket
/etc/systemd/system/multi-user.target.wants
/etc/systemd/system/multi-user.target.wants/wpa_supplicant.service
/etc/systemd/system/multi-user.target.wants/e2scrub_reap.service
/etc/systemd/system/multi-user.target.wants/ModemManager.service
/etc/systemd/system/multi-user.target.wants/sshswitch.service
/etc/systemd/system/multi-user.target.wants/remote-fs.target
/etc/systemd/system/multi-user.target.wants/NetworkManager.service
/etc/systemd/system/multi-user.target.wants/atd.service
/etc/systemd/system/multi-user.target.wants/triggerhappy.service
/etc/systemd/system/multi-user.target.wants/nfs-client.target
/etc/systemd/system/multi-user.target.wants/dphys-swapfile.service
/etc/systemd/system/multi-user.target.wants/acct.service
/etc/systemd/system/multi-user.target.wants/rpi-eeprom-update.service
/etc/systemd/system/multi-user.target.wants/ssh.service
/etc/systemd/system/multi-user.target.wants/console-setup.service
/etc/systemd/system/multi-user.target.wants/cron.service
/etc/systemd/system/multi-user.target.wants/avahi-daemon.service
/etc/systemd/system/reboot.target.wants
/etc/systemd/system/reboot.target.wants/rpi-display-backlight.service
/etc/systemd/system/network-online.target.wants
/etc/systemd/system/network-online.target.wants/NetworkManager-wait-
online.service
/etc/systemd/system/dbus-org.freedesktop.nm-dispatcher.service
/etc/systemd/system/poweroff.target.wants
/etc/systemd/system/poweroff.target.wants/rpi-display-backlight.service
/etc/systemd/system/sysinit.target.wants
/etc/systemd/system/sysinit.target.wants/fake-hwclock.service
/etc/systemd/system/sysinit.target.wants/keyboard-setup.service
/etc/systemd/system/sysinit.target.wants/systemd-timesyncd.service
/etc/systemd/system/sysinit.target.wants/systemd-pstore.service
/etc/systemd/system/sysinit.target.wants/apparmor.service
/etc/systemd/system/halt.target.wants
/etc/systemd/system/halt.target.wants/rpi-display-backlight.service
```

```
/etc/systemd/system/dbus-org.freedesktop.timesync1.service
/etc/systemd/system/bluetooth.target.wants
/etc/systemd/system/bluetooth.target.wants/bluetooth.service
/etc/systemd/system/dbus-org.bluez.service
/etc/systemd/system/sshd.service
/etc/systemd/system/remote-fs.target.wants
/etc/systemd/system/remote-fs.target.wants/nfs-client.target
/etc/systemd/system/timers.target.wants
/etc/systemd/system/timers.target.wants/logrotate.timer
/etc/systemd/system/timers.target.wants/exim4-base.timer
/etc/systemd/system/timers.target.wants/e2scrub_all.timer
/etc/systemd/system/timers.target.wants/apt-daily-upgrade.timer
/etc/systemd/system/timers.target.wants/dpkg-db-backup.timer
/etc/systemd/system/timers.target.wants/apt-daily.timer
/etc/systemd/system/timers.target.wants/fstrim.timer
/etc/systemd/system/timers.target.wants/man-db.timer
/etc/systemd/system/dev-serial1.device.wants
/etc/systemd/system/dev-serial1.device.wants/hciuart.service
/etc/systemd/networkd.conf
/etc/systemd/user
/etc/systemd/user/sockets.target.wants
/etc/systemd/user/sockets.target.wants/gpg-agent-extra.socket
/etc/systemd/user/sockets.target.wants/gpg-agent-ssh.socket
/etc/systemd/user/sockets.target.wants/gpg-agent-browser.socket
/etc/systemd/user/sockets.target.wants/dirmngr.socket
/etc/systemd/user/sockets.target.wants/gpg-agent.socket
/etc/systemd/sleep.conf
/etc/systemd/system.conf
/etc/systemd/user.conf
/etc/xpdf
/etc/xpdf/xpdfrc
/etc/rc2.d
/etc/rc2.d/S01exim4
/etc/rc2.d/S01atd
/etc/rc2.d/S01console-setup.sh
/etc/rc2.d/S01cron
/etc/rc2.d/S01rsync
/etc/rc2.d/S01triggerhappy
/etc/rc2.d/S01sudo
/etc/rc2.d/S01paxctld
/etc/rc2.d/S01acct
/etc/rc2.d/S01raspi-config
/etc/rc2.d/S01bluetooth
/etc/rc2.d/S01dphys-swapfile
/etc/rc2.d/S01ssh
/etc/rc2.d/S01dbus
/etc/udisks2
/etc/udisks2/udisks2.conf
/etc/udisks2/mount_options.conf.example
/etc/apt
/etc/apt/listchanges.conf.d
/etc/apt/listchanges.conf
/etc/apt/sources.list.d
/etc/apt/sources.list.d/raspi.list
/etc/apt/preferences.d
/etc/apt/trusted.gpg
/etc/apt/trusted.gpg.d
/etc/apt/trusted.gpg.d/raspbian-archive-keyring.gpg
/etc/apt/trusted.gpg.d/raspberrypi-archive-stable.gpg
/etc/apt/keyrings
/etc/apt/sources.list
/etc/apt/apt.conf.d
/etc/apt/apt.conf.d/50apt-file.conf
/etc/apt/apt.conf.d/20listchanges
```

```
/etc/apt/apt.conf.d/50raspi
/etc/apt/apt.conf.d/01autoremove
/etc/apt/apt.conf.d/70debconf
/etc/apt/auth.conf.d
/etc/mail.rc
/etc/ca-certificates.conf
/etc/mtab
/etc/dbus-1
/etc/dbus-1/system.d
/etc/dbus-1/system.d/wpa_supplicant.conf
/etc/dbus-1/system.d/org.freedesktop.ModemManager1.conf
/etc/dbus-1/system.d/bluetooth.conf
/etc/dbus-1/session.d
/etc/lighttpd
/etc/lighttpd/conf-available
/etc/lighttpd/conf-available/90-javascript-alias.conf
/etc/lighttpd/conf-enabled
/etc/lighttpd/conf-enabled/90-javascript-alias.conf
/etc/sgml
/etc/sgml/catalog
/etc/sgml/xml-core.cat
/etc/sgml/openjade.cat
/etc/fuse.conf
/etc/services
/etc/email-addresses
/etc/mailname
/etc/.java
/etc/.java/.systemPrefs
/etc/.java/.systemPrefs/.systemRootModFile
/etc/.java/.systemPrefs/.system.lock
/etc/fonts
/etc/fonts/fonts.conf
/etc/fonts/conf.avail
/etc/fonts/conf.avail/30-droid-noto-mono.conf
/etc/fonts/conf.avail/30-droid-noto.conf
/etc/fonts/conf.avail/25-arphic-uming-render.conf
/etc/fonts/conf.avail/65-fonts-texgyre.conf
/etc/fonts/conf.avail/58-dejavu-lgc-sans.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-sans.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-serif.conf
/etc/fonts/conf.avail/58-dejavu-lgc-serif.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-lgc-sans-mono.conf
/etc/fonts/conf.avail/35-arphic-uming-aliases.conf
/etc/fonts/conf.avail/41-arphic-uming.conf
/etc/fonts/conf.avail/25-arphic-uming-bitmaps.conf
/etc/fonts/conf.avail/57-dejavu-serif.conf
/etc/fonts/conf.avail/65-fonts-lmodern.conf
/etc/fonts/conf.avail/57-dejavu-sans.conf
/etc/fonts/conf.avail/58-dejavu-lgc-sans-mono.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-lgc-serif.conf
/etc/fonts/conf.avail/57-dejavu-sans-mono.conf
/etc/fonts/conf.avail/65-fonts-texgyre-math.conf
/etc/fonts/conf.avail/64-arphic-uming.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-lgc-sans.conf
/etc/fonts/conf.avail/65-droid-sans-fallback.conf
/etc/fonts/conf.avail/20-unhint-small-dejavu-sans-mono.conf
/etc/fonts/conf.avail/90-arphic-uming-embolden.conf
/etc/fonts/conf.d
/etc/fonts/conf.d/64-10-tlwg-loma.conf
/etc/fonts/conf.d/89-tlwg-laksaman-synthetic.conf
/etc/fonts/conf.d/10-hinting-slight.conf
/etc/fonts/conf.d/61-urw-fallback-generics.conf
/etc/fonts/conf.d/60-latin.conf
/etc/fonts/conf.d/10-scale-bitmap-fonts.conf
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/etc/fonts/conf.d/89-tlwg-garuda-synthetic.conf
/etc/fonts/conf.d/64-11-tlwg-waree.conf
/etc/fonts/conf.d/89-tlwg-umpush-synthetic.conf
/etc/fonts/conf.d/80-delicious.conf
/etc/fonts/conf.d/11-lcdfilter-default.conf
/etc/fonts/conf.d/61-urw-nimbus-roman.conf
/etc/fonts/conf.d/65-nonlatin.conf
/etc/fonts/conf.d/89-tlwg-kinnari-synthetic.conf
/etc/fonts/conf.d/25-arphic-uming-render.conf
/etc/fonts/conf.d/64-14-tlwg-umpush.conf
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/etc/fonts/conf.d/64-22-tlwg-typist.conf
/etc/fonts/conf.d/65-fonts-texgyre.conf
/etc/fonts/conf.d/64-13-tlwg-garuda.conf
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/etc/fonts/conf.d/61-urw-p052.conf
/etc/fonts/conf.d/58-dejavu-lgc-sans.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-sans.conf
/etc/fonts/conf.d/65-fonts-persian.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-serif.conf
/etc/fonts/conf.d/58-dejavu-lgc-serif.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-lgc-sans-mono.conf
/etc/fonts/conf.d/35-arphic-uming-aliases.conf
/etc/fonts/conf.d/41-arphic-uming.conf
/etc/fonts/conf.d/57-dejavu-serif.conf
/etc/fonts/conf.d/90-synthetic.conf
/etc/fonts/conf.d/64-21-tlwg-typo.conf
/etc/fonts/conf.d/65-fonts-lmodern.conf
/etc/fonts/conf.d/61-urw-fallback-backwards.conf
/etc/fonts/conf.d/57-dejavu-sans.conf
/etc/fonts/conf.d/20-unhint-small-vera.conf
/etc/fonts/conf.d/45-latin.conf
/etc/fonts/conf.d/61-urw-gothic.conf
/etc/fonts/conf.d/61-urw-bookman.conf
/etc/fonts/conf.d/10-yes-antialias.conf
/etc/fonts/conf.d/58-dejavu-lgc-sans-mono.conf
/etc/fonts/conf.d/64-23-tlwg-mono.conf
/etc/fonts/conf.d/61-urw-standard-symbols-ps.conf
/etc/fonts/conf.d/README
/etc/fonts/conf.d/51-local.conf
/etc/fonts/conf.d/90-fonts-unfonts-core.conf
/etc/fonts/conf.d/61-urw-z003.conf
/etc/fonts/conf.d/60-generic.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-lgc-serif.conf
/etc/fonts/conf.d/90-fonts-linux-libertine.conf
/etc/fonts/conf.d/57-dejavu-sans-mono.conf
/etc/fonts/conf.d/65-fonts-texgyre-math.conf
/etc/fonts/conf.d/69-unifont.conf
/etc/fonts/conf.d/40-nonlatin.conf
/etc/fonts/conf.d/30-intel-clear.conf
/etc/fonts/conf.d/90-fonts-unfonts-extra.conf
/etc/fonts/conf.d/61-urw-d050000l.conf
/etc/fonts/conf.d/64-arphic-uming.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-lgc-sans.conf
/etc/fonts/conf.d/64-02-tlwg-norasi.conf
/etc/fonts/conf.d/48-spacing.conf
/etc/fonts/conf.d/20-unhint-small-dejavu-sans-mono.conf
/etc/fonts/conf.d/61-urw-nimbus-mono-ps.conf
/etc/fonts/conf.d/30-comic-sans.conf
/etc/fonts/conf.d/64-01-tlwg-kinnari.conf
/etc/fonts/conf.d/61-urw-c059.conf
/etc/fonts/conf.d/50-user.conf
/etc/fonts/conf.d/30-metric-aliases.conf
/etc/fonts/conf.d/64-15-laksaman.conf

/etc/fonts/conf.d/90-fonts-baekmuk.conf
/etc/fonts/conf.d/90-arphic-uming-embolden.conf
/etc/fonts/conf.d/61-urw-nimbus-sans.conf
/etc/fonts/conf.d/49-sansserif.conf
/etc/init.d
/etc/init.d/dbus
/etc/init.d/console-setup.sh
/etc/init.d/fake-hwclock
/etc/init.d/ssh
/etc/init.d/procps
/etc/init.d/dphys-swapfile
/etc/init.d/nfs-common
/etc/init.d/rsync
/etc/init.d/x11-common
/etc/init.d/paxctld
/etc/init.d/hwclock.sh
/etc/init.d/acct
/etc/init.d/keyboard-setup.sh
/etc/init.d/bluetooth
/etc/init.d/alsa-utils
/etc/init.d/kmod
/etc/init.d/exim4
/etc/init.d/apparmor
/etc/init.d/triggerhappy
/etc/init.d/cron
/etc/init.d/sudo
/etc/init.d/atd
/etc/init.d/udev
/etc/init.d/rpcbind
/etc/rc3.d
/etc/rc3.d/S01exim4
/etc/rc3.d/S01atd
/etc/rc3.d/S01console-setup.sh
/etc/rc3.d/S01cron
/etc/rc3.d/S01rsync
/etc/rc3.d/S01triggerhappy
/etc/rc3.d/S01sudo
/etc/rc3.d/S01paxctld
/etc/rc3.d/S01acct
/etc/rc3.d/S01raspi-config
/etc/rc3.d/S01bluetooth
/etc/rc3.d/S01dphys-swapfile
/etc/rc3.d/S01ssh
/etc/rc3.d/S01dbus
/etc/rc6.d
/etc/rc6.d/K01alsa-utils
/etc/rc6.d/K01exim4
/etc/rc6.d/K01rpcbind
/etc/rc6.d/K01nfs-common
/etc/rc6.d/K01fake-hwclock
/etc/rc6.d/K01acct
/etc/rc6.d/K01triggerhappy
/etc/rc6.d/K01atd
/etc/rc6.d/K01paxctld
/etc/rc6.d/K01udev
/etc/rc6.d/K01bluetooth
/etc/rc6.d/K01hwclock.sh
/etc/glvnd
/etc/glvnd/egl_vendor.d
/etc/hosts
/etc/security
/etc/security/time.conf
/etc/security/limits.conf
/etc/security/sepermit.conf

```
/etc/security/namespace.conf
/etc/security/group.conf
/etc/security/faillock.conf
/etc/security/limits.d
/etc/security/access.conf
/etc/security/namespace.d
/etc/security/namespace.init
/etc/security/pam_env.conf
/etc/dpkg
/etc/dpkg/dpkg.cfg
/etc/dpkg/shlibs.default
/etc/dpkg/shlibs.override
/etc/dpkg/dpkg.cfg.d
/etc/dpkg/origins
/etc/dpkg/origins/raspbian
/etc/dpkg/origins/default
/etc/dpkg/origins/debian
/etc/rcS.d
/etc/rcS.d/S01keyboard-setup.sh
/etc/rcS.d/S01kmod
/etc/rcS.d/K01rpcbind
/etc/rcS.d/K01nfs-common
/etc/rcS.d/S01apparmor
/etc/rcS.d/S01udev
/etc/rcS.d/S01alsa-utils
/etc/rcS.d/S01procps
/etc/rcS.d/S01raspi-config
/etc/rcS.d/S01fake-hwclock
/etc/rcS.d/S01x11-common
/etc/rcS.d/K01hwclock.sh
/etc/dhcp
/etc/dhcp/dhclient-enter-hooks.d
/etc/dhcp/dhclient-enter-hooks.d/debug
/etc/dhcp/debug
/etc/dhcp/dhclient.conf
/etc/dhcp/dhclient-exit-hooks.d
/etc/dhcp/dhclient-exit-hooks.d/rfc3442-classless-routes
/etc/dhcp/dhclient-exit-hooks.d/timesyncd
/etc/dhcp/dhclient-exit-hooks.d/debug
/etc/pip.conf
sec36353@raspberrypi2025:~/PL/trab3 $ ls -k /dev | grep "^d"
disk
dma_heap
dri
sec36353@raspberrypi2025:~/PL/trab3 $ ls -l /dev | grep "^d"
drwxr-xr-x 2 root root       580 Feb  3 16:14 block
drwxr-xr-x 3 root root        60 Jan  1  1970 bus
drwxr-xr-x 2 root root      3160 Feb  3 16:14 char
drwxr-xr-x 8 root root       160 Jan  1  1970 disk
drwxr-xr-x 2 root root       100 Feb  3 16:14 dma_heap
drwxr-xr-x 3 root root       100 Feb  3 16:14 dri
drwxr-xr-x 4 root root       260 Feb  3 16:14 input
drwxr-xr-x 2 root root        60 Sep 12  2025 mapper
drwxrwxrwt 2 root root        40 Jan  1  1970 mqueue
drwxr-xr-x 2 root root        60 Feb  3 16:14 net
drwxr-xr-x 2 root root         0 Jan  1  1970 pts
drwxrwxrwt 2 root root        40 Sep 12  2025 shm
drwxr-xr-x 3 root root       180 Feb  3 16:14 snd
drwxr-xr-x 2 root root        60 Jan  1  1970 usb
drwxr-xr-x 3 root root        60 Feb  3 16:14 v4l
sec36353@raspberrypi2025:~/PL/trab3 $ find /dev -type d
/dev
/dev/v4l
/dev/v4l/by-path
```

```
/dev/dri
/dev/dri/by-path
/dev/net
/dev/mapper
/dev/mqueue
/dev/shm
/dev/usb
/dev/snd
/dev/snd/by-path
/dev/char
/dev/block
/dev/disk
/dev/disk/by-partuuid
/dev/disk/by-label
/dev/disk/by-uuid
/dev/disk/by-id
/dev/disk/by-path
/dev/disk/by-diskseq
/dev/pts
/dev/input
/dev/input/by-path
/dev/input/by-id
/dev/bus
/dev/bus/usb
/dev/bus/usb/001
/dev/dma_heap
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r -E "while|for|until" --
include="*.c" /
grep: /home/ei24934/.local/share: Permission denied
grep: /home/ei31434/.local/share: Permission denied
grep: /home/ei32181/.ssh: Permission denied
grep: /home/ei28242/.local/share: Permission denied
grep: /home/ecgm35484/.local/share: Permission denied
grep: /home/ferreira: Permission denied
grep: /home/ei35756/.ssh: Permission denied
grep: /home/sec36378/.local/share: Permission denied
grep: /home/ei35533/.local/share: Permission denied
grep: /home/ei35774/.local/share: Permission denied
grep: /home/ei35527/.local/share: Permission denied
grep: /home/ecgm32162/.local/share: Permission denied
grep: /home/ecgm35829/.local/share: Permission denied
grep: /home/ersc35276/.ssh: Permission denied
grep: /home/ersc31657/.local/share: Permission denied
/home/ersc31657/PL/trab3/teste.c:    for(int i = 0; i < 10; i++) {
grep: /home/ei35784/.local/share: Permission denied
grep: /home/ei33455/.local/share: Permission denied
/home/ecgm33107/ASC/Semana8/eggs.c:     printf("The number of eggs for the day:
");
/home/ecgm33107/ASC/Semana8/eggs.c:     printf("The number of eggs for the day:
");
grep: /home/sec36360/.local/share: Permission denied
grep: /home/ecgm30118/.ssh: Permission denied
grep: /home/j.filipe.pereira/.local/share: Permission denied
grep: /home/ei35763/.local/share: Permission denied
grep: /home/ei35593/.local/share: Permission denied
grep: /home/ersc33852/.local/share: Permission denied
grep: /home/ei35951/.ssh: Permission denied
grep: /home/ei36652/.ssh: Permission denied
grep: /home/ei33412/.local/share: Permission denied
grep: /home/ecgm31367/.local/share: Permission denied
grep: /home/ecgm32104/.config: Permission denied
grep: /home/sec36363/.local/share: Permission denied
grep: /home/sec36375/.local/share: Permission denied
grep: /home/ei35759/.local/share: Permission denied
```

```
grep: /home/ei33263/.local/share: Permission denied
grep: /home/ei35777/.local/share: Permission denied
grep: /home/ei35532/.config: Permission denied
grep: /home/ecgm34668/.local/share: Permission denied
grep: /home/ei35792/.ssh: Permission denied
grep: /home/ecgm25361/.ssh: Permission denied
grep: /home/ei35760/.ssh: Permission denied
grep: /home/ersc36096/.ssh: Permission denied
grep: /home/ei35762/.ssh: Permission denied
grep: /home/sec36359/.local/share: Permission denied
grep: /home/ei35883/.local/share: Permission denied
grep: /home/ei35764/.ssh: Permission denied
grep: /home/ei35902/.local/share: Permission denied
grep: /lost+found: Permission denied
grep: /root: Permission denied
grep: /proc/tty/driver: Permission denied
grep: /proc/1/task/1/fd: Permission denied
grep: /proc/1/task/1/fdinfo: Permission denied
grep: /proc/1/task/1/ns: Permission denied
grep: /proc/1/fd: Permission denied
grep: /proc/1/map_files: Permission denied
grep: /proc/1/fdinfo: Permission denied
grep: /proc/1/ns: Permission denied
grep: /proc/2/task/2/fd: Permission denied
grep: /proc/2/task/2/fdinfo: Permission denied
grep: /proc/2/task/2/ns: Permission denied
grep: /proc/2/fd: Permission denied
grep: /proc/2/map_files: Permission denied
grep: /proc/2/fdinfo: Permission denied
grep: /proc/2/ns: Permission denied
grep: /proc/3/task/3/fd: Permission denied
grep: /proc/3/task/3/fdinfo: Permission denied
grep: /proc/3/task/3/ns: Permission denied
grep: /proc/3/fd: Permission denied
grep: /proc/3/map_files: Permission denied
grep: /proc/3/fdinfo: Permission denied
grep: /proc/3/ns: Permission denied
grep: /proc/4/task/4/fd: Permission denied
grep: /proc/4/task/4/fdinfo: Permission denied
grep: /proc/4/task/4/ns: Permission denied
grep: /proc/4/fd: Permission denied
grep: /proc/4/map_files: Permission denied
grep: /proc/4/fdinfo: Permission denied
grep: /proc/4/ns: Permission denied
grep: /proc/5/task/5/fd: Permission denied
grep: /proc/5/task/5/fdinfo: Permission denied
grep: /proc/5/task/5/ns: Permission denied
grep: /proc/5/fd: Permission denied
grep: /proc/5/map_files: Permission denied
grep: /proc/5/fdinfo: Permission denied
grep: /proc/5/ns: Permission denied
grep: /proc/6/task/6/fd: Permission denied
grep: /proc/6/task/6/fdinfo: Permission denied
grep: /proc/6/task/6/ns: Permission denied
grep: /proc/6/fd: Permission denied
grep: /proc/6/map_files: Permission denied
grep: /proc/6/fdinfo: Permission denied
grep: /proc/6/ns: Permission denied
grep: /proc/7/task/7/fd: Permission denied
grep: /proc/7/task/7/fdinfo: Permission denied
grep: /proc/7/task/7/ns: Permission denied
grep: /proc/7/fd: Permission denied
grep: /proc/7/map_files: Permission denied
grep: /proc/7/fdinfo: Permission denied
```

```
grep: /proc/7/ns: Permission denied
grep: /proc/8/task/8/fd: Permission denied
grep: /proc/8/task/8/fdinfo: Permission denied
grep: /proc/8/task/8/ns: Permission denied
grep: /proc/8/fd: Permission denied
grep: /proc/8/map_files: Permission denied
grep: /proc/8/fdinfo: Permission denied
grep: /proc/8/ns: Permission denied
grep: /proc/12/task/12/fd: Permission denied
grep: /proc/12/task/12/fdinfo: Permission denied
grep: /proc/12/task/12/ns: Permission denied
grep: /proc/12/fd: Permission denied
grep: /proc/12/map_files: Permission denied
grep: /proc/12/fdinfo: Permission denied
grep: /proc/12/ns: Permission denied
grep: /proc/13/task/13/fd: Permission denied
grep: /proc/13/task/13/fdinfo: Permission denied
grep: /proc/13/task/13/ns: Permission denied
grep: /proc/13/fd: Permission denied
grep: /proc/13/map_files: Permission denied
grep: /proc/13/fdinfo: Permission denied
grep: /proc/13/ns: Permission denied
grep: /proc/14/task/14/fd: Permission denied
grep: /proc/14/task/14/fdinfo: Permission denied
grep: /proc/14/task/14/ns: Permission denied
grep: /proc/14/fd: Permission denied
grep: /proc/14/map_files: Permission denied
grep: /proc/14/fdinfo: Permission denied
grep: /proc/14/ns: Permission denied
grep: /proc/15/task/15/fd: Permission denied
grep: /proc/15/task/15/fdinfo: Permission denied
grep: /proc/15/task/15/ns: Permission denied
grep: /proc/15/fd: Permission denied
grep: /proc/15/map_files: Permission denied
grep: /proc/15/fdinfo: Permission denied
grep: /proc/15/ns: Permission denied
grep: /proc/16/task/16/fd: Permission denied
grep: /proc/16/task/16/fdinfo: Permission denied
grep: /proc/16/task/16/ns: Permission denied
grep: /proc/16/fd: Permission denied
grep: /proc/16/map_files: Permission denied
grep: /proc/16/fdinfo: Permission denied
grep: /proc/16/ns: Permission denied
grep: /proc/17/task/17/fd: Permission denied
grep: /proc/17/task/17/fdinfo: Permission denied
grep: /proc/17/task/17/ns: Permission denied
grep: /proc/17/fd: Permission denied
grep: /proc/17/map_files: Permission denied
grep: /proc/17/fdinfo: Permission denied
grep: /proc/17/ns: Permission denied
grep: /proc/18/task/18/fd: Permission denied
grep: /proc/18/task/18/fdinfo: Permission denied
grep: /proc/18/task/18/ns: Permission denied
grep: /proc/18/fd: Permission denied
grep: /proc/18/map_files: Permission denied
grep: /proc/18/fdinfo: Permission denied
grep: /proc/18/ns: Permission denied
grep: /proc/19/task/19/fd: Permission denied
grep: /proc/19/task/19/fdinfo: Permission denied
grep: /proc/19/task/19/ns: Permission denied
grep: /proc/19/fd: Permission denied
grep: /proc/19/map_files: Permission denied
grep: /proc/19/fdinfo: Permission denied
grep: /proc/19/ns: Permission denied
```

```
grep: /proc/20/task/20/fd: Permission denied
grep: /proc/20/task/20/fdinfo: Permission denied
grep: /proc/20/task/20/ns: Permission denied
grep: /proc/20/fd: Permission denied
grep: /proc/20/map_files: Permission denied
grep: /proc/20/fdinfo: Permission denied
grep: /proc/20/ns: Permission denied
grep: /proc/21/task/21/fd: Permission denied
grep: /proc/21/task/21/fdinfo: Permission denied
grep: /proc/21/task/21/ns: Permission denied
grep: /proc/21/fd: Permission denied
grep: /proc/21/map_files: Permission denied
grep: /proc/21/fdinfo: Permission denied
grep: /proc/21/ns: Permission denied
grep: /proc/22/task/22/fd: Permission denied
grep: /proc/22/task/22/fdinfo: Permission denied
grep: /proc/22/task/22/ns: Permission denied
grep: /proc/22/fd: Permission denied
grep: /proc/22/map_files: Permission denied
grep: /proc/22/fdinfo: Permission denied
grep: /proc/22/ns: Permission denied
grep: /proc/23/task/23/fd: Permission denied
grep: /proc/23/task/23/fdinfo: Permission denied
grep: /proc/23/task/23/ns: Permission denied
grep: /proc/23/fd: Permission denied
grep: /proc/23/map_files: Permission denied
grep: /proc/23/fdinfo: Permission denied
grep: /proc/23/ns: Permission denied
grep: /proc/24/task/24/fd: Permission denied
grep: /proc/24/task/24/fdinfo: Permission denied
grep: /proc/24/task/24/ns: Permission denied
grep: /proc/24/fd: Permission denied
grep: /proc/24/map_files: Permission denied
grep: /proc/24/fdinfo: Permission denied
grep: /proc/24/ns: Permission denied
grep: /proc/27/task/27/fd: Permission denied
grep: /proc/27/task/27/fdinfo: Permission denied
grep: /proc/27/task/27/ns: Permission denied
grep: /proc/27/fd: Permission denied
grep: /proc/27/map_files: Permission denied
grep: /proc/27/fdinfo: Permission denied
grep: /proc/27/ns: Permission denied
grep: /proc/28/task/28/fd: Permission denied
grep: /proc/28/task/28/fdinfo: Permission denied
grep: /proc/28/task/28/ns: Permission denied
grep: /proc/28/fd: Permission denied
grep: /proc/28/map_files: Permission denied
grep: /proc/28/fdinfo: Permission denied
grep: /proc/28/ns: Permission denied
grep: /proc/29/task/29/fd: Permission denied
grep: /proc/29/task/29/fdinfo: Permission denied
grep: /proc/29/task/29/ns: Permission denied
grep: /proc/29/fd: Permission denied
grep: /proc/29/map_files: Permission denied
grep: /proc/29/fdinfo: Permission denied
grep: /proc/29/ns: Permission denied
grep: /proc/32/task/32/fd: Permission denied
grep: /proc/32/task/32/fdinfo: Permission denied
grep: /proc/32/task/32/ns: Permission denied
grep: /proc/32/fd: Permission denied
grep: /proc/32/map_files: Permission denied
grep: /proc/32/fdinfo: Permission denied
grep: /proc/32/ns: Permission denied
grep: /proc/33/task/33/fd: Permission denied
```

```
grep: /proc/33/task/33/fdinfo: Permission denied
grep: /proc/33/task/33/ns: Permission denied
grep: /proc/33/fd: Permission denied
grep: /proc/33/map_files: Permission denied
grep: /proc/33/fdinfo: Permission denied
grep: /proc/33/ns: Permission denied
grep: /proc/34/task/34/fd: Permission denied
grep: /proc/34/task/34/fdinfo: Permission denied
grep: /proc/34/task/34/ns: Permission denied
grep: /proc/34/fd: Permission denied
grep: /proc/34/map_files: Permission denied
grep: /proc/34/fdinfo: Permission denied
grep: /proc/34/ns: Permission denied
grep: /proc/41/task/41/fd: Permission denied
grep: /proc/41/task/41/fdinfo: Permission denied
grep: /proc/41/task/41/ns: Permission denied
grep: /proc/41/fd: Permission denied
grep: /proc/41/map_files: Permission denied
grep: /proc/41/fdinfo: Permission denied
grep: /proc/41/ns: Permission denied
grep: /proc/42/task/42/fd: Permission denied
grep: /proc/42/task/42/fdinfo: Permission denied
grep: /proc/42/task/42/ns: Permission denied
grep: /proc/42/fd: Permission denied
grep: /proc/42/map_files: Permission denied
grep: /proc/42/fdinfo: Permission denied
grep: /proc/42/ns: Permission denied
grep: /proc/43/task/43/fd: Permission denied
grep: /proc/43/task/43/fdinfo: Permission denied
grep: /proc/43/task/43/ns: Permission denied
grep: /proc/43/fd: Permission denied
grep: /proc/43/map_files: Permission denied
grep: /proc/43/fdinfo: Permission denied
grep: /proc/43/ns: Permission denied
grep: /proc/44/task/44/fd: Permission denied
grep: /proc/44/task/44/fdinfo: Permission denied
grep: /proc/44/task/44/ns: Permission denied
grep: /proc/44/fd: Permission denied
grep: /proc/44/map_files: Permission denied
grep: /proc/44/fdinfo: Permission denied
grep: /proc/44/ns: Permission denied
grep: /proc/45/task/45/fd: Permission denied
grep: /proc/45/task/45/fdinfo: Permission denied
grep: /proc/45/task/45/ns: Permission denied
grep: /proc/45/fd: Permission denied
grep: /proc/45/map_files: Permission denied
grep: /proc/45/fdinfo: Permission denied
grep: /proc/45/ns: Permission denied
grep: /proc/47/task/47/fd: Permission denied
grep: /proc/47/task/47/fdinfo: Permission denied
grep: /proc/47/task/47/ns: Permission denied
grep: /proc/47/fd: Permission denied
grep: /proc/47/map_files: Permission denied
grep: /proc/47/fdinfo: Permission denied
grep: /proc/47/ns: Permission denied
grep: /proc/48/task/48/fd: Permission denied
grep: /proc/48/task/48/fdinfo: Permission denied
grep: /proc/48/task/48/ns: Permission denied
grep: /proc/48/fd: Permission denied
grep: /proc/48/map_files: Permission denied
grep: /proc/48/fdinfo: Permission denied
grep: /proc/48/ns: Permission denied
grep: /proc/49/task/49/fd: Permission denied
grep: /proc/49/task/49/fdinfo: Permission denied
```

```
grep: /proc/49/task/49/ns: Permission denied
grep: /proc/49/fd: Permission denied
grep: /proc/49/map_files: Permission denied
grep: /proc/49/fdinfo: Permission denied
grep: /proc/49/ns: Permission denied
grep: /proc/50/task/50/fd: Permission denied
grep: /proc/50/task/50/fdinfo: Permission denied
grep: /proc/50/task/50/ns: Permission denied
grep: /proc/50/fd: Permission denied
grep: /proc/50/map_files: Permission denied
grep: /proc/50/fdinfo: Permission denied
grep: /proc/50/ns: Permission denied
grep: /proc/51/task/51/fd: Permission denied
grep: /proc/51/task/51/fdinfo: Permission denied
grep: /proc/51/task/51/ns: Permission denied
grep: /proc/51/fd: Permission denied
grep: /proc/51/map_files: Permission denied
grep: /proc/51/fdinfo: Permission denied
grep: /proc/51/ns: Permission denied
grep: /proc/52/task/52/fd: Permission denied
grep: /proc/52/task/52/fdinfo: Permission denied
grep: /proc/52/task/52/ns: Permission denied
grep: /proc/52/fd: Permission denied
grep: /proc/52/map_files: Permission denied
grep: /proc/52/fdinfo: Permission denied
grep: /proc/52/ns: Permission denied
grep: /proc/56/task/56/fd: Permission denied
grep: /proc/56/task/56/fdinfo: Permission denied
grep: /proc/56/task/56/ns: Permission denied
grep: /proc/56/fd: Permission denied
grep: /proc/56/map_files: Permission denied
grep: /proc/56/fdinfo: Permission denied
grep: /proc/56/ns: Permission denied
grep: /proc/57/task/57/fd: Permission denied
grep: /proc/57/task/57/fdinfo: Permission denied
grep: /proc/57/task/57/ns: Permission denied
grep: /proc/57/fd: Permission denied
grep: /proc/57/map_files: Permission denied
grep: /proc/57/fdinfo: Permission denied
grep: /proc/57/ns: Permission denied
grep: /proc/59/task/59/fd: Permission denied
grep: /proc/59/task/59/fdinfo: Permission denied
grep: /proc/59/task/59/ns: Permission denied
grep: /proc/59/fd: Permission denied
grep: /proc/59/map_files: Permission denied
grep: /proc/59/fdinfo: Permission denied
grep: /proc/59/ns: Permission denied
grep: /proc/60/task/60/fd: Permission denied
grep: /proc/60/task/60/fdinfo: Permission denied
grep: /proc/60/task/60/ns: Permission denied
grep: /proc/60/fd: Permission denied
grep: /proc/60/map_files: Permission denied
grep: /proc/60/fdinfo: Permission denied
grep: /proc/60/ns: Permission denied
grep: /proc/66/task/66/fd: Permission denied
grep: /proc/66/task/66/fdinfo: Permission denied
grep: /proc/66/task/66/ns: Permission denied
grep: /proc/66/fd: Permission denied
grep: /proc/66/map_files: Permission denied
grep: /proc/66/fdinfo: Permission denied
grep: /proc/66/ns: Permission denied
grep: /proc/67/task/67/fd: Permission denied
grep: /proc/67/task/67/fdinfo: Permission denied
grep: /proc/67/task/67/ns: Permission denied
```

```
grep: /proc/67/fd: Permission denied
grep: /proc/67/map_files: Permission denied
grep: /proc/67/fdinfo: Permission denied
grep: /proc/67/ns: Permission denied
grep: /proc/70/task/70/fd: Permission denied
grep: /proc/70/task/70/fdinfo: Permission denied
grep: /proc/70/task/70/ns: Permission denied
grep: /proc/70/fd: Permission denied
grep: /proc/70/map_files: Permission denied
grep: /proc/70/fdinfo: Permission denied
grep: /proc/70/ns: Permission denied
grep: /proc/71/task/71/fd: Permission denied
grep: /proc/71/task/71/fdinfo: Permission denied
grep: /proc/71/task/71/ns: Permission denied
grep: /proc/71/fd: Permission denied
grep: /proc/71/map_files: Permission denied
grep: /proc/71/fdinfo: Permission denied
grep: /proc/71/ns: Permission denied
grep: /proc/72/task/72/fd: Permission denied
grep: /proc/72/task/72/fdinfo: Permission denied
grep: /proc/72/task/72/ns: Permission denied
grep: /proc/72/fd: Permission denied
grep: /proc/72/map_files: Permission denied
grep: /proc/72/fdinfo: Permission denied
grep: /proc/72/ns: Permission denied
grep: /proc/73/task/73/fd: Permission denied
grep: /proc/73/task/73/fdinfo: Permission denied
grep: /proc/73/task/73/ns: Permission denied
grep: /proc/73/fd: Permission denied
grep: /proc/73/map_files: Permission denied
grep: /proc/73/fdinfo: Permission denied
grep: /proc/73/ns: Permission denied
grep: /proc/74/task/74/fd: Permission denied
grep: /proc/74/task/74/fdinfo: Permission denied
grep: /proc/74/task/74/ns: Permission denied
grep: /proc/74/fd: Permission denied
grep: /proc/74/map_files: Permission denied
grep: /proc/74/fdinfo: Permission denied
grep: /proc/74/ns: Permission denied
grep: /proc/76/task/76/fd: Permission denied
grep: /proc/76/task/76/fdinfo: Permission denied
grep: /proc/76/task/76/ns: Permission denied
grep: /proc/76/fd: Permission denied
grep: /proc/76/map_files: Permission denied
grep: /proc/76/fdinfo: Permission denied
grep: /proc/76/ns: Permission denied
grep: /proc/77/task/77/fd: Permission denied
grep: /proc/77/task/77/fdinfo: Permission denied
grep: /proc/77/task/77/ns: Permission denied
grep: /proc/77/fd: Permission denied
grep: /proc/77/map_files: Permission denied
grep: /proc/77/fdinfo: Permission denied
grep: /proc/77/ns: Permission denied
grep: /proc/78/task/78/fd: Permission denied
grep: /proc/78/task/78/fdinfo: Permission denied
grep: /proc/78/task/78/ns: Permission denied
grep: /proc/78/fd: Permission denied
grep: /proc/78/map_files: Permission denied
grep: /proc/78/fdinfo: Permission denied
grep: /proc/78/ns: Permission denied
grep: /proc/79/task/79/fd: Permission denied
grep: /proc/79/task/79/fdinfo: Permission denied
grep: /proc/79/task/79/ns: Permission denied
grep: /proc/79/fd: Permission denied
```

```
grep: /proc/79/map_files: Permission denied
grep: /proc/79/fdinfo: Permission denied
grep: /proc/79/ns: Permission denied
grep: /proc/80/task/80/fd: Permission denied
grep: /proc/80/task/80/fdinfo: Permission denied
grep: /proc/80/task/80/ns: Permission denied
grep: /proc/80/fd: Permission denied
grep: /proc/80/map_files: Permission denied
grep: /proc/80/fdinfo: Permission denied
grep: /proc/80/ns: Permission denied
grep: /proc/84/task/84/fd: Permission denied
grep: /proc/84/task/84/fdinfo: Permission denied
grep: /proc/84/task/84/ns: Permission denied
grep: /proc/84/fd: Permission denied
grep: /proc/84/map_files: Permission denied
grep: /proc/84/fdinfo: Permission denied
grep: /proc/84/ns: Permission denied
grep: /proc/109/task/109/fd: Permission denied
grep: /proc/109/task/109/fdinfo: Permission denied
grep: /proc/109/task/109/ns: Permission denied
grep: /proc/109/fd: Permission denied
grep: /proc/109/map_files: Permission denied
grep: /proc/109/fdinfo: Permission denied
grep: /proc/109/ns: Permission denied
grep: /proc/168/task/168/fd: Permission denied
grep: /proc/168/task/168/fdinfo: Permission denied
grep: /proc/168/task/168/ns: Permission denied
grep: /proc/168/fd: Permission denied
grep: /proc/168/map_files: Permission denied
grep: /proc/168/fdinfo: Permission denied
grep: /proc/168/ns: Permission denied
grep: /proc/169/task/169/fd: Permission denied
grep: /proc/169/task/169/fdinfo: Permission denied
grep: /proc/169/task/169/ns: Permission denied
grep: /proc/169/fd: Permission denied
grep: /proc/169/map_files: Permission denied
grep: /proc/169/fdinfo: Permission denied
grep: /proc/169/ns: Permission denied
grep: /proc/186/task/186/fd: Permission denied
grep: /proc/186/task/186/fdinfo: Permission denied
grep: /proc/186/task/186/ns: Permission denied
grep: /proc/186/fd: Permission denied
grep: /proc/186/map_files: Permission denied
grep: /proc/186/fdinfo: Permission denied
grep: /proc/186/ns: Permission denied
grep: /proc/187/task/187/fd: Permission denied
grep: /proc/187/task/187/fdinfo: Permission denied
grep: /proc/187/task/187/ns: Permission denied
grep: /proc/187/fd: Permission denied
grep: /proc/187/map_files: Permission denied
grep: /proc/187/fdinfo: Permission denied
grep: /proc/187/ns: Permission denied
grep: /proc/188/task/188/fd: Permission denied
grep: /proc/188/task/188/fdinfo: Permission denied
grep: /proc/188/task/188/ns: Permission denied
grep: /proc/188/fd: Permission denied
grep: /proc/188/map_files: Permission denied
grep: /proc/188/fdinfo: Permission denied
grep: /proc/188/ns: Permission denied
grep: /proc/223/task/223/fd: Permission denied
grep: /proc/223/task/223/fdinfo: Permission denied
grep: /proc/223/task/223/ns: Permission denied
grep: /proc/223/fd: Permission denied
grep: /proc/223/map_files: Permission denied
```

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grep: /proc/223/fdinfo: Permission denied
grep: /proc/223/ns: Permission denied
grep: /proc/254/task/254/fd: Permission denied
grep: /proc/254/task/254/fdinfo: Permission denied
grep: /proc/254/task/254/ns: Permission denied
grep: /proc/254/fd: Permission denied
grep: /proc/254/map_files: Permission denied
grep: /proc/254/fdinfo: Permission denied
grep: /proc/254/ns: Permission denied
grep: /proc/278/task/278/fd: Permission denied
grep: /proc/278/task/278/fdinfo: Permission denied
grep: /proc/278/task/278/ns: Permission denied
grep: /proc/278/fd: Permission denied
grep: /proc/278/map_files: Permission denied
grep: /proc/278/fdinfo: Permission denied
grep: /proc/278/ns: Permission denied
grep: /proc/285/task/285/fd: Permission denied
grep: /proc/285/task/285/fdinfo: Permission denied
grep: /proc/285/task/285/ns: Permission denied
grep: /proc/285/fd: Permission denied
grep: /proc/285/map_files: Permission denied
grep: /proc/285/fdinfo: Permission denied
grep: /proc/285/ns: Permission denied
grep: /proc/286/task/286/fd: Permission denied
grep: /proc/286/task/286/fdinfo: Permission denied
grep: /proc/286/task/286/ns: Permission denied
grep: /proc/286/fd: Permission denied
grep: /proc/286/map_files: Permission denied
grep: /proc/286/fdinfo: Permission denied
grep: /proc/286/ns: Permission denied
grep: /proc/287/task/287/fd: Permission denied
grep: /proc/287/task/287/fdinfo: Permission denied
grep: /proc/287/task/287/ns: Permission denied
grep: /proc/287/fd: Permission denied
grep: /proc/287/map_files: Permission denied
grep: /proc/287/fdinfo: Permission denied
grep: /proc/287/ns: Permission denied
grep: /proc/288/task/288/fd: Permission denied
grep: /proc/288/task/288/fdinfo: Permission denied
grep: /proc/288/task/288/ns: Permission denied
grep: /proc/288/fd: Permission denied
grep: /proc/288/map_files: Permission denied
grep: /proc/288/fdinfo: Permission denied
grep: /proc/288/ns: Permission denied
grep: /proc/289/task/289/fd: Permission denied
grep: /proc/289/task/289/fdinfo: Permission denied
grep: /proc/289/task/289/ns: Permission denied
grep: /proc/289/fd: Permission denied
grep: /proc/289/map_files: Permission denied
grep: /proc/289/fdinfo: Permission denied
grep: /proc/289/ns: Permission denied
grep: /proc/290/task/290/fd: Permission denied
grep: /proc/290/task/290/fdinfo: Permission denied
grep: /proc/290/task/290/ns: Permission denied
grep: /proc/290/fd: Permission denied
grep: /proc/290/map_files: Permission denied
grep: /proc/290/fdinfo: Permission denied
grep: /proc/290/ns: Permission denied
grep: /proc/302/task/302/fd: Permission denied
grep: /proc/302/task/302/fdinfo: Permission denied
grep: /proc/302/task/302/ns: Permission denied
grep: /proc/302/fd: Permission denied
grep: /proc/302/map_files: Permission denied
grep: /proc/302/fdinfo: Permission denied
```

```
grep: /proc/302/ns: Permission denied
grep: /proc/307/task/307/fd: Permission denied
grep: /proc/307/task/307/fdinfo: Permission denied
grep: /proc/307/task/307/ns: Permission denied
grep: /proc/307/fd: Permission denied
grep: /proc/307/map_files: Permission denied
grep: /proc/307/fdinfo: Permission denied
grep: /proc/307/ns: Permission denied
grep: /proc/312/task/312/fd: Permission denied
grep: /proc/312/task/312/fdinfo: Permission denied
grep: /proc/312/task/312/ns: Permission denied
grep: /proc/312/fd: Permission denied
grep: /proc/312/map_files: Permission denied
grep: /proc/312/fdinfo: Permission denied
grep: /proc/312/ns: Permission denied
grep: /proc/313/task/313/fd: Permission denied
grep: /proc/313/task/313/fdinfo: Permission denied
grep: /proc/313/task/313/ns: Permission denied
grep: /proc/313/fd: Permission denied
grep: /proc/313/map_files: Permission denied
grep: /proc/313/fdinfo: Permission denied
grep: /proc/313/ns: Permission denied
grep: /proc/314/task/314/fd: Permission denied
grep: /proc/314/task/314/fdinfo: Permission denied
grep: /proc/314/task/314/ns: Permission denied
grep: /proc/314/fd: Permission denied
grep: /proc/314/map_files: Permission denied
grep: /proc/314/fdinfo: Permission denied
grep: /proc/314/ns: Permission denied
grep: /proc/315/task/315/fd: Permission denied
grep: /proc/315/task/315/fdinfo: Permission denied
grep: /proc/315/task/315/ns: Permission denied
grep: /proc/315/fd: Permission denied
grep: /proc/315/map_files: Permission denied
grep: /proc/315/fdinfo: Permission denied
grep: /proc/315/ns: Permission denied
grep: /proc/316/task/316/fd: Permission denied
grep: /proc/316/task/316/fdinfo: Permission denied
grep: /proc/316/task/316/ns: Permission denied
grep: /proc/316/fd: Permission denied
grep: /proc/316/map_files: Permission denied
grep: /proc/316/fdinfo: Permission denied
grep: /proc/316/ns: Permission denied
grep: /proc/317/task/317/fd: Permission denied
grep: /proc/317/task/317/fdinfo: Permission denied
grep: /proc/317/task/317/ns: Permission denied
grep: /proc/317/fd: Permission denied
grep: /proc/317/map_files: Permission denied
grep: /proc/317/fdinfo: Permission denied
grep: /proc/317/ns: Permission denied
grep: /proc/318/task/318/fd: Permission denied
grep: /proc/318/task/318/fdinfo: Permission denied
grep: /proc/318/task/318/ns: Permission denied
grep: /proc/318/fd: Permission denied
grep: /proc/318/map_files: Permission denied
grep: /proc/318/fdinfo: Permission denied
grep: /proc/318/ns: Permission denied
grep: /proc/320/task/320/fd: Permission denied
grep: /proc/320/task/320/fdinfo: Permission denied
grep: /proc/320/task/320/ns: Permission denied
grep: /proc/320/fd: Permission denied
grep: /proc/320/map_files: Permission denied
grep: /proc/320/fdinfo: Permission denied
grep: /proc/320/ns: Permission denied
```

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grep: /proc/323/task/323/fd: Permission denied
grep: /proc/323/task/323/fdinfo: Permission denied
grep: /proc/323/task/323/ns: Permission denied
grep: /proc/323/fd: Permission denied
grep: /proc/323/map_files: Permission denied
grep: /proc/323/fdinfo: Permission denied
grep: /proc/323/ns: Permission denied
grep: /proc/357/task/357/fd: Permission denied
grep: /proc/357/task/357/fdinfo: Permission denied
grep: /proc/357/task/357/ns: Permission denied
grep: /proc/357/fd: Permission denied
grep: /proc/357/map_files: Permission denied
grep: /proc/357/fdinfo: Permission denied
grep: /proc/357/ns: Permission denied
grep: /proc/377/task/377/fd: Permission denied
grep: /proc/377/task/377/fdinfo: Permission denied
grep: /proc/377/task/377/ns: Permission denied
grep: /proc/377/task/412/fd: Permission denied
grep: /proc/377/task/412/fdinfo: Permission denied
grep: /proc/377/task/412/ns: Permission denied
grep: /proc/377/fd: Permission denied
grep: /proc/377/map_files: Permission denied
grep: /proc/377/fdinfo: Permission denied
grep: /proc/377/ns: Permission denied
grep: /proc/428/task/428/fd: Permission denied
grep: /proc/428/task/428/fdinfo: Permission denied
grep: /proc/428/task/428/ns: Permission denied
grep: /proc/428/fd: Permission denied
grep: /proc/428/map_files: Permission denied
grep: /proc/428/fdinfo: Permission denied
grep: /proc/428/ns: Permission denied
grep: /proc/429/task/429/fd: Permission denied
grep: /proc/429/task/429/fdinfo: Permission denied
grep: /proc/429/task/429/ns: Permission denied
grep: /proc/429/fd: Permission denied
grep: /proc/429/map_files: Permission denied
grep: /proc/429/fdinfo: Permission denied
grep: /proc/429/ns: Permission denied
grep: /proc/430/task/430/fd: Permission denied
grep: /proc/430/task/430/fdinfo: Permission denied
grep: /proc/430/task/430/ns: Permission denied
grep: /proc/430/fd: Permission denied
grep: /proc/430/map_files: Permission denied
grep: /proc/430/fdinfo: Permission denied
grep: /proc/430/ns: Permission denied
grep: /proc/431/task/431/fd: Permission denied
grep: /proc/431/task/431/fdinfo: Permission denied
grep: /proc/431/task/431/ns: Permission denied
grep: /proc/431/fd: Permission denied
grep: /proc/431/map_files: Permission denied
grep: /proc/431/fdinfo: Permission denied
grep: /proc/431/ns: Permission denied
grep: /proc/434/task/434/fd: Permission denied
grep: /proc/434/task/434/fdinfo: Permission denied
grep: /proc/434/task/434/ns: Permission denied
grep: /proc/434/task/480/fd: Permission denied
grep: /proc/434/task/480/fdinfo: Permission denied
grep: /proc/434/task/480/ns: Permission denied
grep: /proc/434/task/481/fd: Permission denied
grep: /proc/434/task/481/fdinfo: Permission denied
grep: /proc/434/task/481/ns: Permission denied
grep: /proc/434/fd: Permission denied
grep: /proc/434/map_files: Permission denied
grep: /proc/434/fdinfo: Permission denied
```

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grep: /proc/434/ns: Permission denied
grep: /proc/440/task/440/fd: Permission denied
grep: /proc/440/task/440/fdinfo: Permission denied
grep: /proc/440/task/440/ns: Permission denied
grep: /proc/440/fd: Permission denied
grep: /proc/440/map_files: Permission denied
grep: /proc/440/fdinfo: Permission denied
grep: /proc/440/ns: Permission denied
grep: /proc/442/task/442/fd: Permission denied
grep: /proc/442/task/442/fdinfo: Permission denied
grep: /proc/442/task/442/ns: Permission denied
grep: /proc/442/fd: Permission denied
grep: /proc/442/map_files: Permission denied
grep: /proc/442/fdinfo: Permission denied
grep: /proc/442/ns: Permission denied
grep: /proc/444/task/444/fd: Permission denied
grep: /proc/444/task/444/fdinfo: Permission denied
grep: /proc/444/task/444/ns: Permission denied
grep: /proc/444/fd: Permission denied
grep: /proc/444/map_files: Permission denied
grep: /proc/444/fdinfo: Permission denied
grep: /proc/444/ns: Permission denied
grep: /proc/456/task/456/fd: Permission denied
grep: /proc/456/task/456/fdinfo: Permission denied
grep: /proc/456/task/456/ns: Permission denied
grep: /proc/456/fd: Permission denied
grep: /proc/456/map_files: Permission denied
grep: /proc/456/fdinfo: Permission denied
grep: /proc/456/ns: Permission denied
grep: /proc/482/task/482/fd: Permission denied
grep: /proc/482/task/482/fdinfo: Permission denied
grep: /proc/482/task/482/ns: Permission denied
grep: /proc/482/task/508/fd: Permission denied
grep: /proc/482/task/508/fdinfo: Permission denied
grep: /proc/482/task/508/ns: Permission denied
grep: /proc/482/task/509/fd: Permission denied
grep: /proc/482/task/509/fdinfo: Permission denied
grep: /proc/482/task/509/ns: Permission denied
grep: /proc/482/fd: Permission denied
grep: /proc/482/map_files: Permission denied
grep: /proc/482/fdinfo: Permission denied
grep: /proc/482/ns: Permission denied
grep: /proc/484/task/484/fd: Permission denied
grep: /proc/484/task/484/fdinfo: Permission denied
grep: /proc/484/task/484/ns: Permission denied
grep: /proc/484/fd: Permission denied
grep: /proc/484/map_files: Permission denied
grep: /proc/484/fdinfo: Permission denied
grep: /proc/484/ns: Permission denied
grep: /proc/490/task/490/fd: Permission denied
grep: /proc/490/task/490/fdinfo: Permission denied
grep: /proc/490/task/490/ns: Permission denied
grep: /proc/490/task/505/fd: Permission denied
grep: /proc/490/task/505/fdinfo: Permission denied
grep: /proc/490/task/505/ns: Permission denied
grep: /proc/490/task/507/fd: Permission denied
grep: /proc/490/task/507/fdinfo: Permission denied
grep: /proc/490/task/507/ns: Permission denied
grep: /proc/490/fd: Permission denied
grep: /proc/490/map_files: Permission denied
grep: /proc/490/fdinfo: Permission denied
grep: /proc/490/ns: Permission denied
grep: /proc/495/task/495/fd: Permission denied
grep: /proc/495/task/495/fdinfo: Permission denied
```

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grep: /proc/495/task/495/ns: Permission denied
grep: /proc/495/fd: Permission denied
grep: /proc/495/map_files: Permission denied
grep: /proc/495/fdinfo: Permission denied
grep: /proc/495/ns: Permission denied
grep: /proc/514/task/514/fd: Permission denied
grep: /proc/514/task/514/fdinfo: Permission denied
grep: /proc/514/task/514/ns: Permission denied
grep: /proc/514/fd: Permission denied
grep: /proc/514/map_files: Permission denied
grep: /proc/514/fdinfo: Permission denied
grep: /proc/514/ns: Permission denied
grep: /proc/828/task/828/fd: Permission denied
grep: /proc/828/task/828/fdinfo: Permission denied
grep: /proc/828/task/828/ns: Permission denied
grep: /proc/828/fd: Permission denied
grep: /proc/828/map_files: Permission denied
grep: /proc/828/fdinfo: Permission denied
grep: /proc/828/ns: Permission denied
grep: /proc/4196/task/4196/fd: Permission denied
grep: /proc/4196/task/4196/fdinfo: Permission denied
grep: /proc/4196/task/4196/ns: Permission denied
grep: /proc/4196/fd: Permission denied
grep: /proc/4196/map_files: Permission denied
grep: /proc/4196/fdinfo: Permission denied
grep: /proc/4196/ns: Permission denied
grep: /proc/11473/task/11473/fd: Permission denied
grep: /proc/11473/task/11473/fdinfo: Permission denied
grep: /proc/11473/task/11473/ns: Permission denied
grep: /proc/11473/fd: Permission denied
grep: /proc/11473/map_files: Permission denied
grep: /proc/11473/fdinfo: Permission denied
grep: /proc/11473/ns: Permission denied
grep: /proc/17757/task/17757/fd: Permission denied
grep: /proc/17757/task/17757/fdinfo: Permission denied
grep: /proc/17757/task/17757/ns: Permission denied
grep: /proc/17757/fd: Permission denied
grep: /proc/17757/map_files: Permission denied
grep: /proc/17757/fdinfo: Permission denied
grep: /proc/17757/ns: Permission denied
grep: /proc/19697/task/19697/fd: Permission denied
grep: /proc/19697/task/19697/fdinfo: Permission denied
grep: /proc/19697/task/19697/ns: Permission denied
grep: /proc/19697/fd: Permission denied
grep: /proc/19697/map_files: Permission denied
grep: /proc/19697/fdinfo: Permission denied
grep: /proc/19697/ns: Permission denied
grep: /proc/21578/task/21578/fd: Permission denied
grep: /proc/21578/task/21578/fdinfo: Permission denied
grep: /proc/21578/task/21578/ns: Permission denied
grep: /proc/21578/fd: Permission denied
grep: /proc/21578/map_files: Permission denied
grep: /proc/21578/fdinfo: Permission denied
grep: /proc/21578/ns: Permission denied
grep: /proc/22076/task/22076/fd: Permission denied
grep: /proc/22076/task/22076/fdinfo: Permission denied
grep: /proc/22076/task/22076/ns: Permission denied
grep: /proc/22076/fd: Permission denied
grep: /proc/22076/map_files: Permission denied
grep: /proc/22076/fdinfo: Permission denied
grep: /proc/22076/ns: Permission denied
grep: /proc/22496/task/22496/fd: Permission denied
grep: /proc/22496/task/22496/fdinfo: Permission denied
grep: /proc/22496/task/22496/ns: Permission denied
```

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grep: /proc/22496/fd: Permission denied
grep: /proc/22496/map_files: Permission denied
grep: /proc/22496/fdinfo: Permission denied
grep: /proc/22496/ns: Permission denied
grep: /proc/23590/task/23590/fd: Permission denied
grep: /proc/23590/task/23590/fdinfo: Permission denied
grep: /proc/23590/task/23590/ns: Permission denied
grep: /proc/23590/fd: Permission denied
grep: /proc/23590/map_files: Permission denied
grep: /proc/23590/fdinfo: Permission denied
grep: /proc/23590/ns: Permission denied
grep: /proc/23845/task/23845/fd: Permission denied
grep: /proc/23845/task/23845/fdinfo: Permission denied
grep: /proc/23845/task/23845/ns: Permission denied
grep: /proc/23845/fd: Permission denied
grep: /proc/23845/map_files: Permission denied
grep: /proc/23845/fdinfo: Permission denied
grep: /proc/23845/ns: Permission denied
grep: /proc/24098/task/24098/fd: Permission denied
grep: /proc/24098/task/24098/fdinfo: Permission denied
grep: /proc/24098/task/24098/ns: Permission denied
grep: /proc/24098/fd: Permission denied
grep: /proc/24098/map_files: Permission denied
grep: /proc/24098/fdinfo: Permission denied
grep: /proc/24098/ns: Permission denied
grep: /proc/24757/task/24757/fd: Permission denied
grep: /proc/24757/task/24757/fdinfo: Permission denied
grep: /proc/24757/task/24757/ns: Permission denied
grep: /proc/24757/fd: Permission denied
grep: /proc/24757/map_files: Permission denied
grep: /proc/24757/fdinfo: Permission denied
grep: /proc/24757/ns: Permission denied
grep: /proc/24842/task/24842/fd: Permission denied
grep: /proc/24842/task/24842/fdinfo: Permission denied
grep: /proc/24842/task/24842/ns: Permission denied
grep: /proc/24842/fd: Permission denied
grep: /proc/24842/map_files: Permission denied
grep: /proc/24842/fdinfo: Permission denied
grep: /proc/24842/ns: Permission denied
grep: /proc/25099/task/25099/fd: Permission denied
grep: /proc/25099/task/25099/fdinfo: Permission denied
grep: /proc/25099/task/25099/ns: Permission denied
grep: /proc/25099/fd: Permission denied
grep: /proc/25099/map_files: Permission denied
grep: /proc/25099/fdinfo: Permission denied
grep: /proc/25099/ns: Permission denied
grep: /proc/25207/task/25207/fd: Permission denied
grep: /proc/25207/task/25207/fdinfo: Permission denied
grep: /proc/25207/task/25207/ns: Permission denied
grep: /proc/25207/fd: Permission denied
grep: /proc/25207/map_files: Permission denied
grep: /proc/25207/fdinfo: Permission denied
grep: /proc/25207/ns: Permission denied
grep: /proc/25326/task/25326/fd: Permission denied
grep: /proc/25326/task/25326/fdinfo: Permission denied
grep: /proc/25326/task/25326/ns: Permission denied
grep: /proc/25326/fd: Permission denied
grep: /proc/25326/map_files: Permission denied
grep: /proc/25326/fdinfo: Permission denied
grep: /proc/25326/ns: Permission denied
grep: /proc/25398/task/25398/fd: Permission denied
grep: /proc/25398/task/25398/fdinfo: Permission denied
grep: /proc/25398/task/25398/ns: Permission denied
grep: /proc/25398/fd: Permission denied
```

```
grep: /proc/25398/map_files: Permission denied
grep: /proc/25398/fdinfo: Permission denied
grep: /proc/25398/ns: Permission denied
grep: /proc/25451/task/25451/fd: Permission denied
grep: /proc/25451/task/25451/fdinfo: Permission denied
grep: /proc/25451/task/25451/ns: Permission denied
grep: /proc/25451/fd: Permission denied
grep: /proc/25451/map_files: Permission denied
grep: /proc/25451/fdinfo: Permission denied
grep: /proc/25451/ns: Permission denied
grep: /proc/25506/task/25506/fd: Permission denied
grep: /proc/25506/task/25506/fdinfo: Permission denied
grep: /proc/25506/task/25506/ns: Permission denied
grep: /proc/25506/fd: Permission denied
grep: /proc/25506/map_files: Permission denied
grep: /proc/25506/fdinfo: Permission denied
grep: /proc/25506/ns: Permission denied
grep: /proc/25510/task/25510/fd: Permission denied
grep: /proc/25510/task/25510/fdinfo: Permission denied
grep: /proc/25510/task/25510/ns: Permission denied
grep: /proc/25510/fd: Permission denied
grep: /proc/25510/map_files: Permission denied
grep: /proc/25510/fdinfo: Permission denied
grep: /proc/25510/ns: Permission denied
grep: /proc/25529/task/25529/fd: Permission denied
grep: /proc/25529/task/25529/fdinfo: Permission denied
grep: /proc/25529/task/25529/ns: Permission denied
grep: /proc/25529/fd: Permission denied
grep: /proc/25529/map_files: Permission denied
grep: /proc/25529/fdinfo: Permission denied
grep: /proc/25529/ns: Permission denied
grep: /proc/25558/task/25558/fd: Permission denied
grep: /proc/25558/task/25558/fdinfo: Permission denied
grep: /proc/25558/task/25558/ns: Permission denied
grep: /proc/25558/fd: Permission denied
grep: /proc/25558/map_files: Permission denied
grep: /proc/25558/fdinfo: Permission denied
grep: /proc/25558/ns: Permission denied
grep: /proc/25562/task/25562/fd: Permission denied
grep: /proc/25562/task/25562/fdinfo: Permission denied
grep: /proc/25562/task/25562/ns: Permission denied
grep: /proc/25562/fd: Permission denied
grep: /proc/25562/map_files: Permission denied
grep: /proc/25562/fdinfo: Permission denied
grep: /proc/25562/ns: Permission denied
grep: /proc/25569/task/25569/fd: Permission denied
grep: /proc/25569/task/25569/fdinfo: Permission denied
grep: /proc/25569/task/25569/ns: Permission denied
grep: /proc/25569/fd: Permission denied
grep: /proc/25569/map_files: Permission denied
grep: /proc/25569/fdinfo: Permission denied
grep: /proc/25569/ns: Permission denied
grep: /proc/25572/task/25572/fd: Permission denied
grep: /proc/25572/task/25572/fdinfo: Permission denied
grep: /proc/25572/task/25572/ns: Permission denied
grep: /proc/25572/fd: Permission denied
grep: /proc/25572/map_files: Permission denied
grep: /proc/25572/fdinfo: Permission denied
grep: /proc/25572/ns: Permission denied
grep: /proc/25574/task/25574/fd: Permission denied
grep: /proc/25574/task/25574/fdinfo: Permission denied
grep: /proc/25574/task/25574/ns: Permission denied
grep: /proc/25574/fd: Permission denied
grep: /proc/25574/map_files: Permission denied
```

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grep: /proc/25574/fdinfo: Permission denied
grep: /proc/25574/ns: Permission denied
grep: /proc/25576/task/25576/fd: Permission denied
grep: /proc/25576/task/25576/fdinfo: Permission denied
grep: /proc/25576/task/25576/ns: Permission denied
grep: /proc/25576/fd: Permission denied
grep: /proc/25576/map_files: Permission denied
grep: /proc/25576/fdinfo: Permission denied
grep: /proc/25576/ns: Permission denied
grep: /proc/25578/task/25578/fd: Permission denied
grep: /proc/25578/task/25578/fdinfo: Permission denied
grep: /proc/25578/task/25578/ns: Permission denied
grep: /proc/25578/fd: Permission denied
grep: /proc/25578/map_files: Permission denied
grep: /proc/25578/fdinfo: Permission denied
grep: /proc/25578/ns: Permission denied
grep: /proc/25582/task/25582/fd: Permission denied
grep: /proc/25582/task/25582/fdinfo: Permission denied
grep: /proc/25582/task/25582/ns: Permission denied
grep: /proc/25582/fd: Permission denied
grep: /proc/25582/map_files: Permission denied
grep: /proc/25582/fdinfo: Permission denied
grep: /proc/25582/ns: Permission denied
grep: /proc/25583/task/25583/fd: Permission denied
grep: /proc/25583/task/25583/fdinfo: Permission denied
grep: /proc/25583/task/25583/ns: Permission denied
grep: /proc/25583/fd: Permission denied
grep: /proc/25583/map_files: Permission denied
grep: /proc/25583/fdinfo: Permission denied
grep: /proc/25583/ns: Permission denied
grep: /proc/25584/task/25584/fd: Permission denied
grep: /proc/25584/task/25584/fdinfo: Permission denied
grep: /proc/25584/task/25584/ns: Permission denied
grep: /proc/25584/fd: Permission denied
grep: /proc/25584/map_files: Permission denied
grep: /proc/25584/fdinfo: Permission denied
grep: /proc/25584/ns: Permission denied
grep: /proc/25589/task/25589/fd: Permission denied
grep: /proc/25589/task/25589/fdinfo: Permission denied
grep: /proc/25589/task/25589/ns: Permission denied
grep: /proc/25589/fd: Permission denied
grep: /proc/25589/map_files: Permission denied
grep: /proc/25589/fdinfo: Permission denied
grep: /proc/25589/ns: Permission denied
grep: /proc/25592/task/25592/fd: Permission denied
grep: /proc/25592/task/25592/fdinfo: Permission denied
grep: /proc/25592/task/25592/ns: Permission denied
grep: /proc/25592/fd: Permission denied
grep: /proc/25592/map_files: Permission denied
grep: /proc/25592/fdinfo: Permission denied
grep: /proc/25592/ns: Permission denied
grep: /proc/25602/task/25602/fd: Permission denied
grep: /proc/25602/task/25602/fdinfo: Permission denied
grep: /proc/25602/task/25602/ns: Permission denied
grep: /proc/25602/fd: Permission denied
grep: /proc/25602/map_files: Permission denied
grep: /proc/25602/fdinfo: Permission denied
grep: /proc/25602/ns: Permission denied
grep: /proc/25603/task/25603/fd: Permission denied
grep: /proc/25603/task/25603/fdinfo: Permission denied
grep: /proc/25603/task/25603/ns: Permission denied
grep: /proc/25603/fd: Permission denied
grep: /proc/25603/map_files: Permission denied
grep: /proc/25603/fdinfo: Permission denied
```

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grep: /proc/25603/ns: Permission denied
grep: /proc/25604/task/25604/fd: Permission denied
grep: /proc/25604/task/25604/fdinfo: Permission denied
grep: /proc/25604/task/25604/ns: Permission denied
grep: /proc/25604/fd: Permission denied
grep: /proc/25604/map_files: Permission denied
grep: /proc/25604/fdinfo: Permission denied
grep: /proc/25604/ns: Permission denied
grep: /proc/25606/task/25606/fd: Permission denied
grep: /proc/25606/task/25606/fdinfo: Permission denied
grep: /proc/25606/task/25606/ns: Permission denied
grep: /proc/25606/fd: Permission denied
grep: /proc/25606/map_files: Permission denied
grep: /proc/25606/fdinfo: Permission denied
grep: /proc/25606/ns: Permission denied
grep: /proc/25607/task/25607/fd: Permission denied
grep: /proc/25607/task/25607/fdinfo: Permission denied
grep: /proc/25607/task/25607/ns: Permission denied
grep: /proc/25607/fd: Permission denied
grep: /proc/25607/map_files: Permission denied
grep: /proc/25607/fdinfo: Permission denied
grep: /proc/25607/ns: Permission denied
grep: /proc/25608/task/25608/fd: Permission denied
grep: /proc/25608/task/25608/fdinfo: Permission denied
grep: /proc/25608/task/25608/ns: Permission denied
grep: /proc/25608/fd: Permission denied
grep: /proc/25608/map_files: Permission denied
grep: /proc/25608/fdinfo: Permission denied
grep: /proc/25608/ns: Permission denied
/usr/lib/python3/dist-packages/numpy/distutils/mingw/gfortran_vs2003_hack.c:int
_get_output_format(void)
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx2.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx2.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_skx.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_skx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_cnl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_cnl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_ssse3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_ssse3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512f.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512f.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse42.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse42.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_f16c.c:     * whether
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or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_f16c.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knm.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knm.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_icl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_icl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_popcnt.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_popcnt.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_clx.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_clx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512cd.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512cd.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_fma3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_fma3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse41.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse41.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse2.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse2.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:#include
"fortranobject.h"
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c: * Python-only
fallback for thread-local callback pointers
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:typedef PyObject
*(*fortranfunc)(PyObject *, PyObject *, PyObject *, void *);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    while
(defs[fp->len].name != NULL) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0; i
< fp->len; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:{ /* used for
calling F90 module routines */
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_dealloc(PyFortranObject *fp)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:format_def(char
*buf, Py_ssize_t size, FortranDataDef def)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 1; i
< def.rank; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_doc(FortranDataDef def)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            n =
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format_def(p, size, def);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           n =
format_def(p, size, def);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"fortranobject.c: fortran_doc: len(p)=%zd>%zd=size:"
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    if (*f) /* In
fortran f=allocated(d) */
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_getattr(PyFortranObject *fp, char *name)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0, j
= 1; i < fp->len && (j = strcmp(name, fp->defs[i].name));
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           for (k
= 0; k < fp->defs[i].rank; ++k) fp->defs[i].dims.d[k] = -1;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < fp->len; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           s2 =
fortran_doc(fp->defs[i]);
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_setattr(PyFortranObject *fp, char *name, PyObject *v)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0, j
= 1; i < fp->len && (j = strcmp(name, fp->defs[i].name));
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"over-writing fortran routine");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
see f2py generated code for more
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = -1;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = 0;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = -1;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"delete non-existing fortran attribute");
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_call(PyFortranObject *fp, PyObject *arg, PyObject *kw)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    /*
printf("fortran call
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           return
(*((fortranfunc)(fp->defs[i].func)))((PyObject *)fp, arg,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           return
(*((fortranfunc)(fp->defs[i].func)))(
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
PyErr_Format(PyExc_TypeError, "this fortran object is not callable");
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_repr(PyFortranObject *fp)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        repr =
PyUnicode_FromFormat("<fortran %U>", name);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        repr =
PyUnicode_FromString("<fortran object>");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
PyVarObject_HEAD_INIT(NULL, 0).tp_name = "fortran",
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_dealloc = (destructor)fortran_dealloc,
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_getattr = (getattrfunc)fortran_getattr,
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_setattr = (setattrfunc)fortran_setattr,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        .tp_repr =
(reprfunc)fortran_repr,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        .tp_call =
(ternaryfunc)fortran_call,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
fprintf(stderr, "                    < F2PY performance report >\n");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c: * $Id:
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fortranobject.c,v 1.52 2005/07/11 07:44:20 pearu Exp $
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (int i =
0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0; i
< rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    PyObject* fast
= PySequence_Fast(obj, "f2py:fortranobject.c:get_elsize");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:      for (i=0;
i<n; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * object
while taking into account the usage intent of the array.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * for an
exception to be triggered within this function.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * 0.
Therefore, for string types, one has to use elsize
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           for(i
= 0; i < rank; ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for
(i=1;i<=16;i++)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
strcat(mess, " -- input not fortran contiguous");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    if possible.
Provided for backward compatibility.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/* Helper
functions for array_from_pyobj */
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < PyArray_NDIM(arr); ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
PyArray_NDIM(arr); i < rank; ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, effrank = 0; i < PyArray_NDIM(arr); ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, j = 0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           while
(j < PyArray_NDIM(arr) && PyArray_DIM(arr, j) < 2) ++j;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
rank; i < PyArray_NDIM(arr);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           while
(j < PyArray_NDIM(arr) && PyArray_DIM(arr, j) < 2) ++j;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, size = 1; i < rank; ++i) size *= dims[i];
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           for (i
= 0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:           for (i
= 0; i < PyArray_NDIM(arr); ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i=0;
i<PyArray_NDIM(arr); i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/* Compatibility
functions for Python >= 3.0 */
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/
************************ EOF fortranobject.c ******************************/
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c: * Pearu for testing purposes.  Do not edit this file unless you
know what you
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:#include "fortranobject.h"
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:  for (i=0;i<rank;++i) {
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:  for (i=0;i<PyArray_NDIM(arr);++i) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
```

```
available here
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:/* Test for GCC > 2.95 */
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    size_t defaults_size;
// used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:static const char
__pyx_k_Return_quadratic_Bezier_splines[] = "Return quadratic Bezier splines
approximating the input cubic Beziers.\n\n    Args:\n        curves: A sequence
of *n* curves, each curve being a sequence of four\n           2D tuples.\n
max_errors: A sequence of *n* floats representing the maximum permissible\n
deviation from each of the cubic Bezier curves.\n\n    Example::\n\n        >>>
curves_to_quadratic( [\n        ...   [ (50,50), (100,100), (150,100),
(200,50) ],\n        ...   [ (75,50), (120,100), (150,75),  (200,60) ]
\n        ... ], [1,1] )\n        [[(50.0, 50.0), (75.0, 75.0), (125.0,
91.66666666666666), (175.0, 75.0), (200.0, 50.0)], [(75.0, 50.0), (97.5, 75.0),
(135.41666666666666, 82.08333333333333), (175.0, 67.5), (200.0, 60.0)]]\n\n
The returned splines have \"implied oncurve points\" suitable for use in\n
TrueType ``glif`` outlines - i.e. in the first spline returned above,\n    the
first quadratic segment runs from (50,50) to\n    ( (75 + 125)/2 , (120 +
91.666..)/2 ) = (100, 83.333...).\n\n    Returns:\n        A list of splines,
each spline being a list of 2D tuples.\n\n    Raises:\n
fontTools.cu2qu.Errors.ApproxNotFoundError: if no suitable approximation\n
can be foundfor all curves with the given parameters.\n    ";
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:      for (i=0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (index=0; index <
4; index++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_14 = 0;
__pyx_t_14 < __pyx_t_13; __pyx_t_14+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_11 = 1;
__pyx_t_11 < __pyx_t_10; __pyx_t_11+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:       for (i=0; i < 4;
i++) {
```

```
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:      for (index=0; index
< 4; index++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curve =
[complex(*p) for p in curve]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curve =
[complex(*p) for p in curve]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_9 = 1;
__pyx_t_9 < __pyx_t_8; __pyx_t_9+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:static char
__pyx_doc_9fontTools_5cu2qu_5cu2qu_13curves_to_quadratic[] =
"curves_to_quadratic(curves, max_errors)\nReturn quadratic Bezier splines
approximating the input cubic Beziers.\n\n    Args:\n        curves: A sequence
of *n* curves, each curve being a sequence of four\n            2D tuples.\n
max_errors: A sequence of *n* floats representing the maximum permissible\n
deviation from each of the cubic Bezier curves.\n\n    Example::\n\n        >>>
curves_to_quadratic( [\n        ...   [ (50,50), (100,100), (150,100),
(200,50) ],\n        ...   [ (75,50), (120,100), (150,75),  (200,60) ]
\n        ... ], [1,1] )\n        [[(50.0, 50.0), (75.0, 75.0), (125.0,
91.66666666666666), (175.0, 75.0), (200.0, 50.0)], [(75.0, 50.0), (97.5, 75.0),
(135.41666666666666, 82.08333333333333), (175.0, 67.5), (200.0, 60.0)]]\n\n
The returned splines have \"implied oncurve points\" suitable for use in\n
TrueType ``glif`` outlines - i.e. in the first spline returned above,\n    the
first quadratic segment runs from (50,50) to\n    ( (75 + 125)/2 , (120 +
91.666..)/2 ) = (100, 83.333...).\n\n    Returns:\n        A list of splines,
each spline being a list of 2D tuples.\n\n    Raises:\n
fontTools.cu2qu.Errors.ApproxNotFoundError: if no suitable approximation\n
can be found for all curves with the given parameters.\n    ";
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curves =
[[complex(*p) for p in curve] for curve in curves]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curves =
[[complex(*p) for p in curve] for curve in curves]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (__pyx_temp=0;
__pyx_temp < __pyx_v_l; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
```

```
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]             #
<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i = 0; i < na;
i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        "%s() got
multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while ((exc_info-
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (start < end) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        /* We have to
handle this case for asynchronous generators
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i = 0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
```

```
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (*u_end+
+) ;
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (c = 0; c
< 128; c++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:/* Test for GCC >
2.95 */
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:#define
__Pyx_CLEAR(r)    do { PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:#define
__Pyx_XCLEAR(r)   do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r =
NULL; __Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    size_t
defaults_size;  // used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        "%s() got
multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        while (*name
&& (**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i = 0; i <
na; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i <
nbases; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
< m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
< m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (start <
end) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
```

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< n; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i<n; i+
+) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i<n; i+
+) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i = 0; i <
4; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i=0;
i<4; ++i) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:/* Test for GCC > 2.95
*/
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    size_t
defaults_size;  // used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_scan_until[] = "scan_until_";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_Lexer_scan_until[] = "Lexer.scan_unti_";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_Expected_before_file_name[] = "Expected '(' before file name";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_A_Lexer_that_follows_include_sta[] = "A Lexer that follows include
statements.\n\n    The OpenType feature file specification states that due to\n
historical reasons, relative imports should be resolved in this \n    order:\n\n
1. If the source font is UFO format, then relative to the UFO's\n       font
directory\n    2. relative to the top-level include file\n    3. relative to the
parent include file\n\n    We only support 1 (via includeDir) and 2.\n    ";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_kp_u_Expected_before_file_name;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_n_s_Lexer_scan_until;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_n_s_scan_until;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(CYTHON_UNUSED PyObject
*__pyx_self, PyObject *__pyx_v_self, PyObject *__pyx_v_stop_at); /* proto */
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
# <<<<<<<<<<<<<<
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_3 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_3)) __PYX_ERR(0, 90, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        PyObject
*__pyx_temp[3] = {__pyx_t_1, __pyx_kp_u_Expected_before_file_name,
__pyx_v_location};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        PyObject
*__pyx_temp[3] = {__pyx_t_1, __pyx_kp_u_Expected_before_file_name,
__pyx_v_location};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_INCREF(__pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_GIVEREF(__pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
PyTuple_SET_ITEM(__pyx_t_2, 0+__pyx_t_8, __pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_4 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_4)) __PYX_ERR(0, 96, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_2 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_2)) __PYX_ERR(0, 159, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_(PyObject *__pyx_self,
PyObject *__pyx_args, PyObject *__pyx_kwds); /*proto*/
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static char
__pyx_doc_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_[] =
"Lexer.scan_until_(self, stop_at)";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyMethodDef
__pyx_mdef_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_ = {"scan_until_",
(PyCFunction)(void*)
(PyCFunctionWithKeywords)__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_
, METH_VARARGS|METH_KEYWORDS,
__pyx_doc_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_(PyObject *__pyx_self,
PyObject *__pyx_args, PyObject *__pyx_kwds) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RefNannySetupContext("scan_until_ (wrapper)", 0);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RaiseArgtupleInvalid("scan_until_", 1, 2, 2, 1); __PYX_ERR(0, 175,
__pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        if
(unlikely(__Pyx_ParseOptionalKeywords(__pyx_kwds, __pyx_pyargnames, 0, values,
pos_args, "scan_until_") < 0)) __PYX_ERR(0, 175, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RaiseArgtupleInvalid("scan_until_", 1, 2, 2,
PyTuple_GET_SIZE(__pyx_args)); __PYX_ERR(0, 175, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_AddTraceback("fontTools.feaLib.lexer.Lexer.scan_until_", __pyx_clineno,
__pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_r =
```

```
__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(__pyx_self,
__pyx_v_self, __pyx_v_stop_at);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(CYTHON_UNUSED PyObject
*__pyx_self, PyObject *__pyx_v_self, PyObject *__pyx_v_stop_at) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RefNannySetupContext("scan_until_", 0);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_AddTraceback("fontTools.feaLib.lexer.Lexer.scan_until_", __pyx_clineno,
__pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_t_2 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_2)) __PYX_ERR(0, 184, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static char
__pyx_doc_9fontTools_6feaLib_5lexer_14IncludingLexer___init__[] =
"IncludingLexer.__init__(self, featurefile, *, includeDir=None)\nInitializes an
IncludingLexer.\n\n        Behavior:\n            If includeDir is passed, it
will be used to determine the top-level\n            include directory to use
for all encountered include statements. If it is\n            not passed,
``os.path.dirname(featurefile)`` will be considered the\n            include
directory.\n        ";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
# its filesystem path, therefore we fall back to using the
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
```

```
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_kp_u_Expected_before_file_name, __pyx_k_Expected_befoe_file_name,
sizeof(__pyx_k_Expected_before_file_name), 0, 1, 0, 0},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_n_s_Lexer_scan_until, __pyx_k_Lexer_scan_until,
sizeof(__pyx_k_Lexer_scan_until), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_n_s_scan_until, __pyx_k_scan_until, sizeof(__pyx_k_scan_until), 0, 0, 1,
1},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_codeobj__34 =
(PyObject*)__Pyx_PyCode_New(2, 0, 3, 0, CO_OPTIMIZED|CO_NEWLOCALS,
__pyx_empty_bytes, __pyx_empty_tuple, __pyx_empty_tuple, __pyx_tuple__33,
__pyx_empty_tuple, __pyx_empty_tuple, __pyx_kp_s_Lib_fontTools_feaLib_lexer_py,
__pyx_n_s_scan_until, 175, __pyx_empty_bytes); if (unlikely(!__pyx_codeobj__34))
__PYX_ERR(0, 175, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_t_9 =
__Pyx_CyFunction_New(&__pyx_mdef_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_,
0, __pyx_n_s_Lexer_scan_until, NULL, __pyx_n_s_fontTools_feaLib_lexer, __pyx_d,
((PyObject *)__pyx_codeobj__34)); if (unlikely(!__pyx_t_9)) __PYX_ERR(0, 175,
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  if
(__Pyx_SetNameInClass(__pyx_t_2, __pyx_n_s_scan_until, __pyx_t_9) < 0)
__PYX_ERR(0, 175, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        "%s() got
multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i = 0; i < na;
i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while ((exc_info-
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (i = 0; i <
n; i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i <
nbases; i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (start < end)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i = 0; i < 4;
i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:/* Test for GCC > 2.95 */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject
*__pyx_arg_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XINCREF(r)
do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XDECREF(r)
do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XGOTREF(r)
do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    size_t defaults_size;
// used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_force[] = "force";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_forced[] = "forced";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_iup_contour_bound_forced_set[] = "_iup_contour_bound_forced_set";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_force;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_iup_contour_bound_forced_set;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_tolerance); /* proto */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_foced, PyObject *__pyx_v_tolerance, PyObject
*__pyx_v_lookback); /* proto */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_iup_segment[] = "iup_segment(coords:
_PointSegment, rc1: _Point, rd1: _Delta, rc2: _Point, rd2: _Delta) ->
_DeltaSegment\nGiven two reference coordinates `rc1` & `rc2` and their
respective\n\tdelta vectors `rd1` & `rd2`, returns interpolated deltas for the
set of\n\tcoordinates `coords`. ";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          for
(__pyx_temp=0; __pyx_temp < __pyx_v_n; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          for
(__pyx_temp=0; __pyx_temp < __pyx_v_n; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_6can_iup_in_between[] =
"can_iup_in_between(deltas: _DeltaSegment, coords: _PointSegment, i: Integral,
j: Integral, tolerance: Real) -> bool\nReturn true if the deltas for points at
`i` and `j` (`i < j`) can be\n\tsuccessfully used to interpolate deltas for
points in between them within\n\tprovided error tolerance.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set(PyObject
*__pyx_self, PyObject *__pyx_args, PyObject *__pyx_kwds); /*proto*/
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_8_iup_contour_boundforced_set[] =
"_iup_contour_bound_forced_set(deltas: _DeltaSegment, coords: _PointSegment,
tolerance: Real = 0) -> set\nThe forced set is a conservative set of points on
the contour that must be encoded\n\texplicitly (ie. cannot be interpolated).
Calculating this set allows for significantly\n\tspeeding up the dynamic-
programming, as well as resolve circularity in DP.\n\n\tThe set is precise; that
is, if an index is in the returned set, then there is no way\n\tthat IUP can
```

```
generate delta for that point, given `coords` and `deltas`.\n\t";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyMethodDef
__pyx_mdef_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set =
{"_iup_contour_bound_forced_set", (PyCFunction)(void*)
(PyCFunctionWithKeywords)__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_fo
rced_set, METH_VARARGS|METH_KEYWORDS,
__pyx_doc_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set(PyObject
*__pyx_self, PyObject *__pyx_args, PyObject *__pyx_kwds) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RefNannySetupContext("_iup_contour_bound_forced_set (wrapper)", 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RaiseArgtupleInvalid("_iup_contour_bound_forced_set", 0, 2, 3, 1);
__PYX_ERR(0, 162, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        if
(unlikely(__Pyx_ParseOptionalKeywords(__pyx_kwds, __pyx_pyargnames, 0, values,
pos_args, "_iup_contour_bound_forced_set") < 0)) __PYX_ERR(0, 162,
__pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RaiseArgtupleInvalid("_iup_contour_bound_forced_set", 0, 2, 3,
PyTuple_GET_SIZE(__pyx_args)); __PYX_ERR(0, 162, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_AddTraceback("fontTools.varLib.iup._iup_contour_bound_forced_set",
__pyx_clineno, __pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(__pyx_self,
__pyx_v_deltas, __pyx_v_coords, __pyx_v_tolerance);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_tolerance) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= NULL;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  int __pyx_v_force;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RefNannySetupContext("_iup_contour_bound_forced_set", 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        that IUP can
generate delta for that point, given `coords` and `deltas`.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_v_forced =
((PyObject*)__pyx_t_3);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
```

```
force = False
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = False             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_v_force = 0;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# If coordinate for current point is between coordinate of adjacent
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          __pyx_v_force =
1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          __pyx_v_force =
1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__pyx_v_force = 1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True              # <<<<<<<<<<<<<<
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__pyx_v_force = 1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_9 =
(__pyx_v_force != 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        __pyx_t_14 =
PySet_Add(__pyx_v_forced, __pyx_v_i); if (unlikely(__pyx_t_14 == ((int)-1)))
__PYX_ERR(0, 229, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_v_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_AddTraceback("fontTools.varLib.iup._iup_contour_bound_forced_set",
__pyx_clineno, __pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_XDECREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
```

```
__Pyx_INCREF(__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_self)-
>__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_self)-
>__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_1, 0, __Pyx_CyFunction_Defaults(__pyx_defaults,
__pyx_self)->__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp[] =
"_iup_contour_optimize_dp(deltas: _DeltaSegment, coords: _PointSegment,
forced={}, tolerance: Real = 0, lookback: Integral = None)\nStraightforward
Dynamic-Programming.  For each index i, find least-costly encoding of\n\tpoints
0 to i where i is explicitly encoded.  We find this by considering all
previous\n\texplicit points j and check whether interpolation can fill points
between j and i.\n\n\tNote that solution always encodes last point explicitly.
Higher-level is responsible\n\tfor removing that restriction.\n\n\tAs major
speedup, we stop looking further whenever we see a \"foced\" point.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= 0;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    static PyObject
**__pyx_pyargnames[] =
{&__pyx_n_s_deltas,&__pyx_n_s_coords,&__pyx_n_s_forced,&__pyx_n_s_tolerance,&__p
yx_n_s_lookback,0};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    values[2] =
__pyx_dynamic_args->__pyx_arg_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          PyObject* value
= __Pyx_PyDict_GetItemStr(__pyx_kwds, __pyx_n_s_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_v_forced =
values[2];
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(__pyx_self,
__pyx_v_deltas, __pyx_v_coords, __pyx_v_forced, __pyx_v_tolerance,
__pyx_v_lookback);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_foced, PyObject *__pyx_v_tolerance, PyObject
*__pyx_v_lookback) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        As major
speedup, we stop looking further whenever we see a "forced" point."""
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_t_3 =
(__Pyx_PySequence_ContainsTF(__pyx_t_4, __pyx_v_forced, Py_EQ)); if
(unlikely(__pyx_t_3 < 0)) __PYX_ERR(0, 260, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_2 =
(__Pyx_PySequence_ContainsTF(__pyx_v_j, __pyx_vforced, Py_EQ)); if
(unlikely(__pyx_t_2 < 0)) __PYX_ERR(0, 271, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_12_rot_list[] = "_rot_list(list l: list, k:
int)\nRotate list by k items forward.  Ie. item at position 0 will be\n\tat
position k in returned list.  Negative k is allowed.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= NULL;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):             # <<<<<<<<<<<<<<
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced =
_iup_contour_bound_forced_set(deltas, coords, tolerance)            #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GetModuleGlobalName(__pyx_t_5, __pyx_n_s_iup_contour_bound_forced_set); if
(unlikely(!__pyx_t_5)) __PYX_ERR(0, 318, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_v_forced =
__pyx_t_3;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        # if the font
size changes (reduced); that would mean the forced-set
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if forced:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_t_4 =
__Pyx_PyObject_IsTrue(__pyx_v_forced); if (unlikely(__pyx_t_4 < 0)) __PYX_ERR(0,
327, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                k =
(n-1) - max(forced)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_t_5 =
__Pyx_PyObject_CallOneArg(__pyx_builtin_max, __pyx_v_forced); if (unlikely(!
__pyx_t_5)) __PYX_ERR(0, 330, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                k =
(n-1) - max(forced)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
Debugging: Pass a set() instead of forced variable to the next call
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[4] = {__pyx_t_3, __pyx_v_forced, __pyx_v_k, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[4] = {__pyx_t_3, __pyx_v_forced, __pyx_v_k, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_1, 0+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_DECREF_SET(__pyx_v_forced, __pyx_t_7);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
Debugging: Pass a set() instead of forced variable to the next call
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # to
exercise forced-set computation for under-counting.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas, coords, forced, tolerance)
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[5] = {__pyx_t_1, __pyx_cur_scope->__pyx_v_deltas, __pyx_v_coords,
__pyx_v_forced, __pyx_cur_scope->__pyx_v_tolerance};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[5] = {__pyx_t_1, __pyx_cur_scope->__pyx_v_deltas, __pyx_v_coords,
```

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__pyx_v_forced, __pyx_cur_scope->__pyx_v_tolerance};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_3, 2+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #if not
forced <= solution:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= solution, (forced, solution)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_7 =
PyObject_RichCompare(__pyx_v_forced, __pyx_v_solution, Py_LE);
__Pyx_XGOTREF(__pyx_t_7); if (unlikely(!__pyx_t_7)) __PYX_ERR(0, 353,
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_7, 0, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= solution, (forced, solution)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # Repeat
the contour an extra time, solve the new case, then look for solutions of the
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        # if the font
size changes (reduced); that would mean the forced-set
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if forced:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
circular n-length problem in the solution for new linear case.  I cannot prove
that
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas+deltas, coords+coords, forced,
tolerance, n)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[6] = {__pyx_t_1, __pyx_t_12, __pyx_t_7, __pyx_v_forced,
__pyx_cur_scope->__pyx_v_tolerance, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[6] = {__pyx_t_1, __pyx_t_12, __pyx_t_7, __pyx_v_forced,
__pyx_cur_scope->__pyx_v_tolerance, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_13, 2+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas+deltas, coords+coords, forced,
tolerance, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #if not
forced <= best_sol:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= best_sol, (forced, best_sol)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in best_sol else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_5 =
PyObject_RichCompare(__pyx_v_forced, __pyx_v_best_sol, Py_LE);
__Pyx_XGOTREF(__pyx_t_5); if (unlikely(!__pyx_t_5)) __PYX_ERR(0, 381,
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_5, 0, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= best_sol, (forced, best_sol)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in best_sol else None for i in range(n)]             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_XDECREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  {&__pyx_n_s_force,
__pyx_k_force, sizeof(__pyx_k_force), 0, 0, 1, 1},
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  {&__pyx_n_s_forced,
__pyx_k_forced, sizeof(__pyx_k_forced), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
{&__pyx_n_s_iup_contour_bound_forced_set, __pyx_k_iup_contour_bound_forced_set,
sizeof(__pyx_k_iup_contour_bound_forced_set), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,            #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__11 =
PyTuple_Pack(24, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_tolerance,
__pyx_n_s_n, __pyx_n_s_forced, __pyx_n_s_i, __pyx_n_s_ld, __pyx_n_s_lc,
__pyx_n_s_d, __pyx_n_s_c, __pyx_n_s_nd, __pyx_n_s_nc, __pyx_n_s_j, __pyx_n_s_cj,
__pyx_n_s_dj, __pyx_n_s_lcj, __pyx_n_s_ldj, __pyx_n_s_ncj, __pyx_n_s_ndj,
__pyx_n_s_c1, __pyx_n_s_c2, __pyx_n_s_d1, __pyx_n_s_d2, __pyx_n_s_force); if
(unlikely(!__pyx_tuple__11)) __PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_codeobj__12 =
(PyObject*)__Pyx_PyCode_New(3, 0, 24, 0, CO_OPTIMIZED|CO_NEWLOCALS,
__pyx_empty_bytes, __pyx_empty_tuple, __pyx_empty_tuple, __pyx_tuple__11,
__pyx_empty_tuple, __pyx_empty_tuple, __pyx_kp_s_Lib_fontTools_varLib_iup_py,
__pyx_n_s_iup_contour_bound_forced_set, 162, __pyx_empty_bytes); if (unlikely(!
__pyx_codeobj__12)) __PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__14 =
PyTuple_Pack(12, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_forced,
__pyx_n_s_tolerance, __pyx_n_s_lookback, __pyx_n_s_n, __pyx_n_s_costs,
__pyx_n_s_chain, __pyx_n_s_i, __pyx_n_s_best_cost, __pyx_n_s_j, __pyx_n_s_cost);
if (unlikely(!__pyx_tuple__14)) __PYX_ERR(0, 234, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__20 =
PyTuple_Pack(20, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_tolerance,
__pyx_n_s_n, __pyx_n_s_d0, __pyx_n_s_forced, __pyx_n_s_k, __pyx_n_s_chain,
__pyx_n_s_costs, __pyx_n_s_solution, __pyx_n_s_i, __pyx_n_s_best_sol,
__pyx_n_s_best_cost, __pyx_n_s_start, __pyx_n_s_cost, __pyx_n_s_genexpr,
__pyx_n_s_genexpr, __pyx_n_s_genexpr, __pyx_n_s_i, __pyx_n_s_i); if (unlikely(!
__pyx_tuple__20)) __PYX_ERR(0, 289, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        delta vectors
`rd1` & `rd2`, returns interpolated deltas for the set of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Return true
if the deltas for points at `i` and `j` (`i < j`) can be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Return true
if the deltas for points at `i` and `j` (`i < j`) can be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        successfully
used to interpolate deltas for points in between them within
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,            #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """The forced
set is a conservative set of points on the contour that must be encoded
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
```

```
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """The forced
set is a conservative set of points on the contour that must be encoded
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        explicitly (ie.
cannot be interpolated).  Calculating this set allows for significantly
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_t_7 =
__Pyx_CyFunction_New(&__pyx_mdef_9fontTools_6varLib_3iup_9_iup_contour_bound_for
ced_set, 0, __pyx_n_s_iup_contour_bound_forced_set, NULL,
__pyx_n_s_fontTools_varLib_iup, __pyx_d, ((PyObject *)__pyx_codeobj__12)); if
(unlikely(!__pyx_t_7)) __PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  if
(PyDict_SetItem(__pyx_d, __pyx_n_s_iup_contour_bound_forced_set, __pyx_t_7) < 0)
__PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_t_2)->__pyx_argforced =
__pyx_t_1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        "%s() got multiple
values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        "%s() got multiple
values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
```

```
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i < na; i+
+) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyErr_Format(PyExc_NameError, "free variable '%s' referenced before assignment
in enclosing scope", varname);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i <
length; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < m-
>defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < m-
>defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (start < end) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < n;
i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while ((exc_info-
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        /* We have to
handle this case for asynchronous generators
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (c = defenc_c;
c < end; c++) {
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:Copyright (c) 1995-
2000, Corporation for National Research Initiatives.
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:See the file
"Misc/COPYRIGHT" for information on usage and
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:redistribution of
this file, and for a DISCLAIMER OF ALL WARRANTIES.
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:    /* These
entries are here for sys.builtin_module_names */
grgrep: /usr/share/polkit-1/rules.d: Permission denied
/usr/share/vim/vim90/macros/maze/mazeclean.c:  for (M = line + E, *line = A =
scanf ("%d", &C); --E; line[E] = M[E] = E)
/usr/share/vim/vim90/macros/maze/mazeclean.c:  for (; (A -= Z = !Z) || (printf
("\n|"), A = 39, C--); Z || printf (T))
/usr/share/vim/vim90/macros/maze/maze.c:char*M,A,Z,E=40,J[40],T[40];main(C)
{for(*J=A=scanf(M="%d",&C);
/usr/share/vim/vim90/macros/maze/maze.c:[E   ]=  E)   printf("._");  for(;(A-
=Z=!Z)  ||  (printf("\n|"
/usr/share/vim/vim90/macros/maze/mazeansi.c:char*M,A,Z,E=40,J[80],T[3];main(C)
{for(M=J+E,*J=A=scanf("%d",&
/usr/share/vim/vim90/macros/maze/mazeansi.c:[E   ]=  E)   printf("._");  for(;
(A-=Z=!Z)  ||  (printf("\n|"
/usr/share/tcltk/tk8.6/tkAppInit.c: *   procedure for wish and other Tk-based
applications.
/usr/share/tcltk/tk8.6/tkAppInit.c: * Copyright (c) 1993 The Regents of the
University of California.
/usr/share/tcltk/tk8.6/tkAppInit.c: * See the file "license.terms" for
information on usage and redistribution of
```

```
/usr/share/tcltk/tk8.6/tkAppInit.c: * this file, and for a DISCLAIMER OF ALL
WARRANTIES.
/usr/share/tcltk/tk8.6/tkAppInit.c: * #if checks for that #define and uses
Tcl_AppInit if it doesn't exist.
/usr/share/tcltk/tk8.6/tkAppInit.c: *   This is the main program for the
application.
/usr/share/tcltk/tk8.6/tkAppInit.c: *   This procedure performs application-
specific initialization. Most
/usr/share/tcltk/tk8.6/tkAppInit.c:    Tcl_Interp *interp)             /*
Interpreter for application. */
/usr/share/tcltk/tk8.6/tkAppInit.c:     * Call the init procedures for included
packages. Each call should look
/usr/share/tcltk/tk8.6/tkAppInit.c:     * Call Tcl_CreateObjCommand for
application-specific commands, if they
/usr/share/tcltk/tcl8.6/tclAppInit.c: * procedure for tclsh and other Tcl-based
applications (without Tk).
/usr/share/tcltk/tcl8.6/tclAppInit.c: * Copyright (c) 1993 The Regents of the
University of California.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * See the file "license.terms" for
information on usage and redistribution of
/usr/share/tcltk/tcl8.6/tclAppInit.c: * this file, and for a DISCLAIMER OF ALL
WARRANTIES.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * #if checks for that #define and uses
Tcl_AppInit if it does not exist.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * This is the main program for the
application.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * This procedure performs application-
specific initialization. Most
/usr/share/tcltk/tcl8.6/tclAppInit.c:    Tcl_Interp *interp)            /*
Interpreter for application. */
/usr/share/tcltk/tcl8.6/tclAppInit.c:     * Call the init procedures for
included packages. Each call should look
/usr/share/tcltk/tcl8.6/tclAppInit.c:     * Call Tcl_CreateCommand for
application-specific commands, if they
e/usr/share/doc/gdb/contrib/expect-read1.c:   GNU General Public License for
more details.
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* This program creates a
pipe for the chat process to read. The user
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* can supply information
(like a password) that will be picked up
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* for instance the chat
script fragment:
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:                 prompt
the user for a string to put into the
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:      /* note: this open
won't succeed until chat has the pipe  */
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:      /* open and ready
to read. this makes for nice timing.    */
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:             completely
until chat closes it. */
/usr/share/doc/libexpat1-dev/examples/outline.c:   Must be used with Expat
compiled for UTF-8 output.
/usr/share/doc/libexpat1-dev/examples/outline.c:   Copyright (c) 2000      Clark
Cooper <coopercc@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/outline.c:   Copyright (c) 2001-2003 Fred
L. Drake, Jr. <fdrake@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/outline.c:  for (i = 0; i < *depthPtr; i+
+)
/usr/share/doc/libexpat1-dev/examples/outline.c:  for (i = 0; atts[i]; i += 2) {
/usr/share/doc/libexpat1-dev/examples/outline.c:    fprintf(stderr, "Couldn't
allocate memory for parser\n");
/usr/share/doc/libexpat1-dev/examples/outline.c:      fprintf(stderr, "Couldn't
allocate memory for buffer\n");
/usr/share/doc/libexpat1-dev/examples/outline.c:  } while (! done);
```

```
/usr/share/doc/libexpat1-dev/examples/elements.c:   It must be used with Expat
compiled for UTF-8 output.
/usr/share/doc/libexpat1-dev/examples/elements.c:   Copyright (c) 2001-2003 Fred
L. Drake, Jr. <fdrake@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/elements.c:  for (i = 0; i < *depthPtr; i+
+)
/usr/share/doc/libexpat1-dev/examples/elements.c:    fprintf(stderr, "Couldn't
allocate memory for parser\n");
/usr/share/doc/libexpat1-dev/examples/elements.c:      fprintf(stderr, "Couldn't
allocate memory for buffer\n");
/usr/share/doc/libexpat1-dev/examples/elements.c:  } while (! done);
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:  while (1) {
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:  while (1) {
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:        while (line[i]!
=' ') i++;
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:        while (line[i]!
=' ') i++;
/usr/share/doc/texlive-doc/generic/docbytex/main.c:  for (i=0; i<argc; i++)
uzasna_funkce(i);
/usr/share/doc/texlive-doc/generic/c-pascal/prog/sun.c:  } while (month!=1);
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:/* A simple filter for
translating TeX screen output from
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:   for(;;) {
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:           for
(c=buf;c<buf+n;c++)
p/usr/share/doc/texlive-doc/fonts/libertine/g2ntotex.c:  ch = getc (g2n_file);
while (ch != '\n') { ch = getc (g2n_file);}
/usr/share/doc/texlive-doc/fonts/libertine/g2ntotex.c:  while (fscanf (g2n_file,
/usr/share/doc/libbit-vector-perl/examples/test.c:/*  Example for using the
BitVector.c library from C  */
/usr/share/doc/libbit-vector-perl/examples/test.c:/*  (Just for playing around;
also shows how one can  */
/usr/share/doc/git/contrib/credential/wincred/git-credential-
wincred.c:__attribute__((format (printf, 1, 2)))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (pos
= wcsstr(str, find); pos; pos = wcsstr(pos + 1, find))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: /*
search for the first credential that matches username */
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (i =
0; i < num_creds; ++i)
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (i =
0; i < num_creds; ++i) {
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: while
(fgets(buf, sizeof(buf), stdin)) {
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c:
while (len && strchr("\r\n", buf[len - 1]))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: /*
prepare 'target', the unique key for the credential */
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-
osxkeychain.c:__attribute__((format (printf, 1, 2)))
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-osxkeychain.c:
* Require at least a protocol and hostfor removal, which is what git
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-osxkeychain.c:
while (fgets(buf, sizeof(buf), stdin)) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c: *  GNU General Public License for more details.
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:    * and the other features roughly around Gnome 2.20, 6 months
before.
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c: * Just a guess for the Glib version.  Glib 2.8 was roughly Gnome 2.12
?
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:static void wait_for_request_completion(int *done)
```

```
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (!*done)
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     wait_for_request_completion(&done);
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (fgets(buf, 1024, stdin)) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:                     while (*value)
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (try_op->name) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (try_op->name && strcmp(argv[1], try_op->name))
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     /* perform credential operation */
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c: *
GNU General Public License for more details.
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (fgets(buf, 1024, stdin)) {
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (*value)
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (try_op->name) {
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (try_op->name && strcmp(argv[1], try_op->name))
/usr/share/doc/git/contrib/credential/libsecret/git-credential-
libsecret.c:     /* perform credential operation */
/usr/share/doc/git/contrib/coccinelle/tests/unused.c:   use_before(&sb3);
/usr/share/doc/libpam-modules/examples/upperLOWER.c: * This is a sample filter
program, for use with pam_filter (a module
/usr/share/doc/libpam-modules/examples/upperLOWER.c: * lower case letters, it is
intended for demonstration purposes and
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     for (i=0; i<len; ++i) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     void (*before_user)
(char *,int);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     void (*before_app)(char
*,int);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      for (i=0; environ[i];
++i) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     before_user =
before_app = do_transpose;   /* assign filter functions */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     for (;;) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(APPOUT_FILENO,
&readers);              /* wake for output */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(APPERR_FILENO,
&readers);               /* wake for error */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(STDIN_FILENO,
&readers);                /* wake for input */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_user != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_user(buffer, got);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_user != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_user(buffer, got);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_app != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_app(buffer, got);
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:/* for relief, 0 =>
raised, 1 => sunk, 2 => ridge, 3 => groove */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:double dimple = .3001; /*
size / scrollbar thickness, 0 for none */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   bitmaps for small
```

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sizes and outlines that can be scaled arbitrarily.
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   All recent X releases
come with bitmaps provided by Adobe for Helvetica,
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   (bitmaps for sizes 8,
10, 11, 12, 14, 17, 18, 20, 24, 25, and 34) */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (n = 0; str[n] !=
'\0'; n++) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:         for (x = oldend;
x < newend; x++) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:         for (x = oldend
- 1; x >= newend; x--) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= bg.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= shadow.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= hilite.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= trough.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= fill.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       the server and the
client for each motion, which puts a limit
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       on performance. */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       clients handle it
fairly poorly; I for one am quite envious of
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       events, but the
next best thing is to just ignore them until
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (;;) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:     while (!select(x_fd
+ 1, &fds, 0, 0, &timeout)) {
/usr/share/doc/libjansson4/examples/json_process.c: * it under the terms of the
MIT license. See LICENSE for details.
/usr/share/doc/libjansson4/examples/json_process.c:#include <fcntl.h> /* for
_O_BINARY */
/usr/share/doc/libjansson4/examples/json_process.c:#include <io.h>    /* for
_setmode() */
/usr/share/doc/libjansson4/examples/json_process.c:    while (*result &&
l_isspace(*result))
/usr/share/doc/libjansson4/examples/json_process.c:    while
(l_isspace(result[length - 1]))
/usr/share/doc/libjansson4/examples/json_process.c:    for (line =
strtok(buffer, "\r\n"); line; line = strtok(NULL, "\r\n")) {
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_INDENT: %d\n", conf.indent);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_REAL_PRECISION: %d\n", conf.precision);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_INDENT: %d\n", indent);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_REAL_PRECISION: %d\n", precision);
/usr/share/doc/libjansson4/examples/json_process.c:        while (1) {
/usr/share/doc/libjansson4/examples/json_process.c:    for (i = 1; i < argc; i+
+) {
/usr/share/doc/libimagequant0/examples/example.c:    // This uses lodepng
library for PNG reading (not part of libimagequant)
/usr/share/doc/libimagequant0/examples/example.c:    // Use libimagequant to
make a palette for the RGBA pixels
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/usr/share/doc/libimagequant0/examples/example.c:    // This uses lodepng
library for PNG writing (not part of libimagequant)
/usr/share/doc/libimagequant0/examples/example.c:    for(int i=0; i < palette-
>count; i++) {
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    } while (0)
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// Chunk size for buffered reads and
for decompression. Twice this many bytes
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// stream. This avoids appending
empty fixed blocks for every normalization,
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// block are all forced to zeros.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // State while processing the
input gzip stream.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // Process the gzip stream from
in until reaching the end of the input,
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Inflate until the end
of a gzip component (header, deflate
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // block, trailer) is
reached, or until all of the chunk is
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // tracked, for the
calculation of the total CRC.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                // Continue to
process this chunk until it is consumed, or
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                // until the end of
a component (header, deflate block, or
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            } while (strm.avail_out
== 0 && (strm.data_type & 0x80) == 0);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Since strm.avail_in
was > 0 for the inflate call, some input was
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // just consumed. It is
therefore assured that put < strm.next_in.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        // block
bit, and check for special cases. If it is a
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        // Some or
all of the three header bits for this block
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        while (num
>= 8) {
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // except for
the last byte if it contains bits from the
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                            //
Insert num bits from buf before the data being
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                            } while
(put < end);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // boundary. Set
prev appropriately for the next entry into
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // Check for the
end of the deflate stream.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    } while (put <
strm.next_in);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Process the input
buffer until completely consumed.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:        } while (strm.avail_in > 0);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:        // Process input until end
of file, invalid input, or i/o error.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    } while (more);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // Check for any i/o errors.
/usr/share/doc/zlib1g-dev/examples/fitblk.c:                    Use assert()
for internal errors
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   fitblk performs three compression
passes on a portion of the input
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   to the final product, so that the
header for that deflate block and
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   the compression ratio for that
block will be about the same as in
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   before filling the requested
```

output size, then that compressed
/usr/share/doc/zlib1g-dev/examples/fitblk.c: that there is enough uncompressed data for the second pass to fill
/usr/share/doc/zlib1g-dev/examples/fitblk.c:/* compress from file to def until provided buffer is full or end of
/usr/share/doc/zlib1g-dev/examples/fitblk.c: } while (def->avail_out != 0 && flush == Z_NO_FLUSH);
/usr/share/doc/zlib1g-dev/examples/fitblk.c:/* recompress from inf's input to def's output; the input for inf and
/usr/share/doc/zlib1g-dev/examples/fitblk.c: the output for def are set in those structures before calling;
/usr/share/doc/zlib1g-dev/examples/fitblk.c: /* compress what was decompressed until done or no room */
/usr/share/doc/zlib1g-dev/examples/fitblk.c: } while (ret != Z_STREAM_END && def->avail_out != 0);
/usr/share/doc/zlib1g-dev/examples/fitblk.c:#define MARGIN 8   /* amount to back off for completion */
/usr/share/doc/zlib1g-dev/examples/fitblk.c: /* allocate memory for buffers and compression engine */
/usr/share/doc/zlib1g-dev/examples/fitblk.c: /* compress from stdin until output full, or no more input */
/usr/share/doc/zlib1g-dev/examples/fitblk.c: /* it didn't all fit -- set up for recompression */
/usr/share/doc/zlib1g-dev/examples/fitblk.c: /* set up for next reocmpression */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: gzlog provides a mechanism for frequently appending short strings to a gzip
/usr/share/doc/zlib1g-dev/examples/gzlog.c: strategy is to write the short strings in an uncompressed form to the end of
/usr/share/doc/zlib1g-dev/examples/gzlog.c: compressed portion, which is preloaded for the compression of the subsequent
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.dict -- dictionary of the last 32K of data for next compression
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.temp -- temporary dictionary file for compression after this one
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.lock -- lock file for reading and writing the other files
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.repairs -- log file for log file recovery operations (not compressed)
/usr/share/doc/zlib1g-dev/examples/gzlog.c: When appending data, the information in the first three items above plus the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: extra field has the necessary information to restore the start of the last
/usr/share/doc/zlib1g-dev/examples/gzlog.c: well as the crc and length of the gzip data before the append operation.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The foo.add file is created before the gzip file is marked for append, and
/usr/share/doc/zlib1g-dev/examples/gzlog.c: some external force, the foo.add file gets deleted between when the append
/usr/share/doc/zlib1g-dev/examples/gzlog.c: When compressing data, the information in the first two items above plus the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The extra field has the necessary information to find the end of the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: to be compressed is missing due to some external force, a gzip file with
/usr/share/doc/zlib1g-dev/examples/gzlog.c: Following is the definition of the extra field with all of the information
/usr/share/doc/zlib1g-dev/examples/gzlog.c: (consistent with the gzip format). File pointers are eight bytes long.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The crc's and lengths for the gzip trailer are four bytes long. (Note that
/usr/share/doc/zlib1g-dev/examples/gzlog.c: the length at the end of a gzip file is used for error checking only, and
/usr/share/doc/zlib1g-dev/examples/gzlog.c: for large files is actually the

length modulo 2^32.) The stored block
/usr/share/doc/zlib1g-dev/examples/gzlog.c: "ap" for append. It is assumed
that writing the extra field to the file is
/usr/share/doc/zlib1g-dev/examples/gzlog.c: than any expected block size for a
mass storage device (usually 512 bytes or
/usr/share/doc/zlib1g-dev/examples/gzlog.c: stored block in the deflate
format. See the bit offset field below.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: for the last stored block of the
uncompressed data in the gzip file.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: block header to be updated when
a new stored block is added, for the case
/usr/share/doc/zlib1g-dev/examples/gzlog.c: also allows for new compressed
data to be appended to the old compressed
/usr/share/doc/zlib1g-dev/examples/gzlog.c: block, or for the compressed
data to be terminated and a valid gzip file
/usr/share/doc/zlib1g-dev/examples/gzlog.c: - Perform the append procedure
with the provided data.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: stored block from the
information in the extra field, in case a previous
/usr/share/doc/zlib1g-dev/examples/gzlog.c: provide a dictionary for the
next invocation of this procedure.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: another process before we're
done. The deflation is terminated with a
/usr/share/doc/zlib1g-dev/examples/gzlog.c: back, crc's, and lengths, and
mark foo.gz as in process for a replacement
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#include "gzlog.h"   /* header for
external access */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* Macro for debugging to
deterministically force recovery operations */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:
longjmp(gzlog_jump, gzlog_bail); } while (0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* how old the lock file can be in
seconds before considering it stale */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: dictionary construction, and <=
204 * MAX_STORE, in order for >> 10 to
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* values for the operation (2 bits)
*/
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT2(p,a) do {(p)[0]=a;(p)
[1]=(a)>>8;} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT4(p,a) do
{PUT2(p,a);PUT2(p+2,a>>16);} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT8(p,a) do
{PUT4(p,a);PUT4(p+4,a>>32);} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* internal structure for log
information */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: int fd;   /* file
descriptor for .gz file, opened read/write */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: char *end;   /* end of path,
for appending suffices such as ".gz" */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* gzip header for gzlog */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: file modify time for verification
of ownership. Return 0 on success, or -1
/usr/share/doc/zlib1g-dev/examples/gzlog.c: while ((fd = open(log->path,
O_CREAT | O_EXCL, 0644)) < 0) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c: sleep(2);   /* relinquish
the CPU for two seconds while waiting */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: for verification of ownership. */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: mask = 0x80 >> ((back - 1) & 7);
/* mask for block last-bit */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: while (len) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c: file, since the compress operation
may have been interrupted before that was
/usr/share/doc/zlib1g-dev/examples/gzlog.c: writing foo.gz fails, or if the
rename fails for some reason other than

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/usr/share/doc/zlib1g-dev/examples/gzlog.c:   but before foo.gz is marked as
complete. */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        /* set up for deflate,
allocating memory */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:           } while (strm.avail_out
== 0);
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        } while (len);
/usr/share/doc/zlib1g-dev/examples/gzlog.c:           we know the byte before
that has a one in the top bit, since an
/usr/share/doc/zlib1g-dev/examples/gzlog.c:           while ((*buf & ((uint)1
<< (8 - log->back++))) == 0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* Recover the interrupted operation
op.  First read foo.add for recovering an
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   writing the foo.gz file, or if the
foo.gz file is not a proper log file for
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* verify log file and load extra
field information */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* check for interrupted process
and if so, recover */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* See gzlog.h for the description of
the external methods below */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* save path and end of path for
name construction */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    log->path = malloc(n + 9);
/* allow for ".repairs" */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* gain exclusive access and
verify log file -- may perform a
/usr/share/doc/zlib1g-dev/examples/gzlog.c:       field information (it probably
changed), recover last operation if
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* create space for uncompressed
data */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* do statement here is just a
cheap trick for error handling */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        while (next < len) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        /* write the dictionary for
the next compress to the .temp file */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    } while (0);
/usr/share/doc/zlib1g-dev/examples/gzlog.c:       field information (it probably
changed), recover last operation if
/usr/share/doc/zlib1g-dev/examples/zpipe.c:   1.1   8 Nov 2004  Add void casting
for unused return values
/usr/share/doc/zlib1g-dev/examples/zpipe.c:                    Use switch
statement for inflate() return values
/usr/share/doc/zlib1g-dev/examples/zpipe.c:                    Avoid some
compiler warnings for input and output buffers
/usr/share/doc/zlib1g-dev/examples/zpipe.c:/* Compress from file source to file
dest until EOF on source.
/usr/share/doc/zlib1g-dev/examples/zpipe.c:   allocated for processing,
Z_STREAM_ERROR if an invalid compression
/usr/share/doc/zlib1g-dev/examples/zpipe.c:    /* compress until end of file */
/usr/share/doc/zlib1g-dev/examples/zpipe.c:        /* run deflate() on input
until output buffer not full, finish
/usr/share/doc/zlib1g-dev/examples/zpipe.c:        } while (strm.avail_out ==
0);
/usr/share/doc/zlib1g-dev/examples/zpipe.c:    } while (flush != Z_FINISH);
/usr/share/doc/zlib1g-dev/examples/zpipe.c:/* Decompress from file source to
file dest until stream ends or EOF.
/usr/share/doc/zlib1g-dev/examples/zpipe.c:   allocated for processing,
Z_DATA_ERROR if the deflate data is
/usr/share/doc/zlib1g-dev/examples/zpipe.c:    /* decompress until deflate
stream ends or end of file */
/usr/share/doc/zlib1g-dev/examples/zpipe.c:        /* run inflate() on input
until output buffer not full */
/usr/share/doc/zlib1g-dev/examples/zpipe.c:        } while (strm.avail_out ==
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0);
/usr/share/doc/zlib1g-dev/examples/zpipe.c:    } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/zran.c:   for random access of a compressed
file.  A file containing a zlib or gzip
/usr/share/doc/zlib1g-dev/examples/zran.c:   bytes before getting to the desired
block of data.
/usr/share/doc/zlib1g-dev/examples/zran.c:   that block is saved to provide a
reference for locating a desired starting
/usr/share/doc/zlib1g-dev/examples/zran.c:   To use the index, an offset in the
uncompressed data is provided, for which
/usr/share/doc/zlib1g-dev/examples/zran.c:   the decompression then proceeds
until the desired offset in the file is
/usr/share/doc/zlib1g-dev/examples/zran.c:   requests for random access reads
from the compressed data would try to use
/usr/share/doc/zlib1g-dev/examples/zran.c:   There is some fair bit of overhead
to starting inflation for the random
/usr/share/doc/zlib1g-dev/examples/zran.c:   some lookahead and avoid many calls
to deflate_index_extract() for small
/usr/share/doc/zlib1g-dev/examples/zran.c:   use of pointers in the state.  The
approach here allows for storage of the
/usr/share/doc/zlib1g-dev/examples/zran.c:   index in point entries, until it is
time for deflate_index_build() to
/usr/share/doc/zlib1g-dev/examples/zran.c:       information in the gzip or zlib
stream */
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* check for a gzip stream */
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* process all of that, or
until end of stream */
/usr/share/doc/zlib1g-dev/examples/zran.c:            /* inflate until out of
input, output, or at end of block --
/usr/share/doc/zlib1g-dev/examples/zran.c:               except for up to seven
bits) -- the totout == 0 provides an
/usr/share/doc/zlib1g-dev/examples/zran.c:        } while (strm.avail_in != 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:    } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/zran.c:    while (--ret && here[1].out <=
offset)
/usr/share/doc/zlib1g-dev/examples/zran.c:    /* skip uncompressed bytes until
offset reached, then satisfy request */
/usr/share/doc/zlib1g-dev/examples/zran.c:    skip = 1;
/* while skipping to offset */
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* uncompress until avail_out
filled, or end of stream */
/usr/share/doc/zlib1g-dev/examples/zran.c:               } while
((strm.data_type & 128) == 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:            /* continue to process the
available input before reading more */
/usr/share/doc/zlib1g-dev/examples/zran.c:        } while (strm.avail_out != 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* do until offset reached and
requested data read */
/usr/share/doc/zlib1g-dev/examples/zran.c:    } while (skip);
/usr/share/doc/zlib1g-dev/examples/zran.c:        fprintf(stderr, "zran: could
not open %s for reading\n", argv[1]);
/usr/share/doc/zlib1g-dev/examples/zran.c:            fprintf(stderr, "zran:
error %d while building index\n", len);
/usr/share/doc/zlib1g-dev/examples/infcover.c:   allocations and deallocations,
check for LIFO operations, keep a current
/usr/share/doc/zlib1g-dev/examples/infcover.c:   total memory that can be
allocated, and when done check for memory leaks.
/usr/share/doc/zlib1g-dev/examples/infcover.c:                                memory
tracking for all zlib operations on strm
/usr/share/doc/zlib1g-dev/examples/infcover.c:                                for
the tracking as well as leaked zlib blocks, if
/usr/share/doc/zlib1g-dev/examples/infcover.c:
allocated, then "msg" and information about the
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* these items are strung together
```

```
in a linked list, one for each allocation */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    /* perform allocation using
the standard library, fill memory with a
/usr/share/doc/zlib1g-dev/examples/infcover.c:    /* create a new item for the
list */
/usr/share/doc/zlib1g-dev/examples/infcover.c:            } while (next != NULL
&& next->ptr != ptr);
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* set up a controlled memory
allocation space for monitoring, set the stream
/usr/share/doc/zlib1g-dev/examples/infcover.c:    while (item != NULL) {
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (*hex++);       /* go
through the loop with the terminating null */
/usr/share/doc/zlib1g-dev/examples/infcover.c:   header information is collected
with inflateGetHeader().  If a zlib stream
/usr/share/doc/zlib1g-dev/examples/infcover.c:   is looking for a dictionary,
then an empty dictionary is provided.
/usr/share/doc/zlib1g-dev/examples/infcover.c:   inflate() is run until all of
the input data is consumed. */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (strm.avail_in);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 0", "force window
allocation", 0, -15, 1, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 18 5", "force window
replacement", 0, -8, 259, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 18 68 30 d0 0 0",
"force split window update", 4, -8, 259, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    mem_done(&strm,
"miscellaneous, force memory errors");
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* input and output functions for
inflateBack() */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        state->mode = SYNC;     /*
force an otherwise impossible situation */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    return desc != Z_NULL;      /*
force error if desc not null */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        /* force output error */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        /* force mode error by
mucking with state */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (strm.avail_in ||
strm.avail_out == 0);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    for (bits = 0; bits < 15;
bits++)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:  warranty.  In no event will the
author be held liable for any damages
/usr/share/doc/zlib1g-dev/examples/gzappend.c:  Permission is granted to anyone
to use this software for any purpose,
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Remove
some debugging information in error messages
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Use new
data_type definition for zlib 1.2.1
/usr/share/doc/zlib1g-dev/examples/gzappend.c: * 1.2  11 Oct 2012     - Fix for
proper z_const usage
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Check
for input buffer malloc failure
/usr/share/doc/zlib1g-dev/examples/gzappend.c:   the byte that contains it.
Seeking forward, the last byte of the compressed
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    while (a && b)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (a - c >= c)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (b - c >= c)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        for (;;) {
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (--cycles);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:/* structure for gzip file read
operations */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    char *name;                 /*
file name for error messages */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    if (flags & 8) while
```

```
(read1(in) != 0) ;
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    if (flags & 16) while
(read1(in) != 0) ;
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    /* decompress the deflate
stream, saving append information */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        /* inflate and check for
errors */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            bye("invalid
compressed data--format violated in", name);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    /* check gzip trailer and save
total for deflate */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (left) {
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (strm->avail_out
== 0 && ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (len != 0);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (len);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (*++argv != NULL);
/usr/share/doc/zlib1g-dev/examples/enough.c:                      As inflate
does, decrease root for short codes
/usr/share/doc/zlib1g-dev/examples/enough.c:   1.3  17 Feb 2008  Add argument
for initial root table size
/usr/share/doc/zlib1g-dev/examples/enough.c:                      Fix bug for
initial root table size == max - 1
/usr/share/doc/zlib1g-dev/examples/enough.c:   1.5   5 Aug 2018  Clean up code
style, formatting, and comments
/usr/share/doc/zlib1g-dev/examples/enough.c:                      Show all the
codes for the maximum, and only the maximum
/usr/share/doc/zlib1g-dev/examples/enough.c:   Examine all possible prefix codes
for a given number of symbols and a
/usr/share/doc/zlib1g-dev/examples/enough.c:   maximum code length in bits to
determine the maximum table size for zlib's
/usr/share/doc/zlib1g-dev/examples/enough.c:   in the same code for the
counting, as do permutations of the assignments of
/usr/share/doc/zlib1g-dev/examples/enough.c:   The inflate Huffman decoding
algorithm uses two-level lookup tables for
/usr/share/doc/zlib1g-dev/examples/enough.c:   in length (root == 9 for
literal/length codes and root == 6 for distance
/usr/share/doc/zlib1g-dev/examples/enough.c:   The inflate algorithm also
provides for small values of root (relative to
/usr/share/doc/zlib1g-dev/examples/enough.c:   In order to speed up the
examination (by about ten orders of magnitude for
/usr/share/doc/zlib1g-dev/examples/enough.c:   required for this will increase
rapidly with the total number of symbols and
/usr/share/doc/zlib1g-dev/examples/enough.c:   for the vast speedup.
/usr/share/doc/zlib1g-dev/examples/enough.c:   are used to look at all sub-codes
from those junctures for their inflate
/usr/share/doc/zlib1g-dev/examples/enough.c:   identifying the reachable nodes,
accounts for about six of the orders of
/usr/share/doc/zlib1g-dev/examples/enough.c:   magnitude of improvement for the
default arguments. About another four
/usr/share/doc/zlib1g-dev/examples/enough.c:   for the default arguments of 286
symbols limited to 15-bit codes.
/usr/share/doc/zlib1g-dev/examples/enough.c:   Note that the uintmax_t type is
used for counting. It is quite easy to
/usr/share/doc/zlib1g-dev/examples/enough.c:   The uintmax_t type is also used
for calculating the number of possible codes
/usr/share/doc/zlib1g-dev/examples/enough.c:typedef uintmax_t big_t;    // type
for code counting
/usr/share/doc/zlib1g-dev/examples/enough.c:#define PRIbig "ju"         //
printf format for big_t
/usr/share/doc/zlib1g-dev/examples/enough.c:typedef uintmax_t code_t;   // type
for bit pattern counting
/usr/share/doc/zlib1g-dev/examples/enough.c:struct tab {               // type
```

```
for been-here check
/usr/share/doc/zlib1g-dev/examples/enough.c:/* The array for saving results,
num[], is indexed with this triplet:
/usr/share/doc/zlib1g-dev/examples/enough.c:   The offset into the array is
calculated for the three indices with the first
/usr/share/doc/zlib1g-dev/examples/enough.c:   the array with length max-1 lists
for the len index, with syms-3 of those
/usr/share/doc/zlib1g-dev/examples/enough.c:   for each symbol. There are
totsym-2 of those, with each one varying in
/usr/share/doc/zlib1g-dev/examples/enough.c:   length as a function of sym. See
the calculation of index in map() for the
/usr/share/doc/zlib1g-dev/examples/enough.c:   index, and the calculation of
size in main() for the size of the array.
/usr/share/doc/zlib1g-dev/examples/enough.c:   has 284,284 entries, taking up
2.17 MB for an 8-byte big_t. More than half
/usr/share/doc/zlib1g-dev/examples/enough.c:   of the space allocated for saved
results is actually used -- not all
/usr/share/doc/zlib1g-dev/examples/enough.c:/* The array for tracking visited
states, done[], is itself indexed identically
/usr/share/doc/zlib1g-dev/examples/enough.c:   to the num[] array as described
above for the (syms, left, len) triplet.
/usr/share/doc/zlib1g-dev/examples/enough.c:   not. Since the ranges for mem and
rem are not known a priori, each bit
/usr/share/doc/zlib1g-dev/examples/enough.c:   memory usage, with eight times
the range for mem than for rem. See the
/usr/share/doc/zlib1g-dev/examples/enough.c:   calculations for offset and bit
in been_here() for the details.
/usr/share/doc/zlib1g-dev/examples/enough.c:// Type for a variable-length,
allocated string.
/usr/share/doc/zlib1g-dev/examples/enough.c:// Each call appends to s. The
allocated space for s is increased as needed.
/usr/share/doc/zlib1g-dev/examples/enough.c:        } while (s->size < s->len +
1);
/usr/share/doc/zlib1g-dev/examples/enough.c:    int max;            // maximum
allowed bit length for the codes
/usr/share/doc/zlib1g-dev/examples/enough.c:    string_t out;       // display
of subcodes for maximum tables size
/usr/share/doc/zlib1g-dev/examples/enough.c:    big_t *num;         // saved
results array for code counting
/usr/share/doc/zlib1g-dev/examples/enough.c:// Index function for num[] and
done[].
/usr/share/doc/zlib1g-dev/examples/enough.c:        for (size_t n = 0; n <
g.size; n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // available for the remaining
symbols at the maximum length (if there were
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int use = least; use <=
most; use++) {
/usr/share/doc/zlib1g-dev/examples/enough.c:// Return true if we've been here
before, set to true if not. Set a bit in a
/usr/share/doc/zlib1g-dev/examples/enough.c:    // point to vector for
(syms,left,len), bit in vector for (mem,rem)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // we haven't been here before
-- set the bit to show we have now
/usr/share/doc/zlib1g-dev/examples/enough.c:            } while (length <=
offset);
/usr/share/doc/zlib1g-dev/examples/enough.c:            while (length <= offset)
/usr/share/doc/zlib1g-dev/examples/enough.c:        while (rem < left) {
/usr/share/doc/zlib1g-dev/examples/enough.c:            // compute the starting
state for this sub-code
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int bits = g.max;
bits > g.root; bits--) {
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int bits = g.root +
1; bits <= g.max; bits++)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // available for the remaining
```

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symbols at the maximum length (if there were
/usr/share/doc/zlib1g-dev/examples/enough.c:    while (rem < use) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (use = least; use <= most;
use++) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int n = 0; n <= g.max; n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:        for (int n = 3; n <= syms;
n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int left = 2; left
< n; left += 2) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    printf("maximum of %d table
entries for root = %d\n", g.large, g.root);
/usr/share/doc/zlib1g-dev/examples/enough.c:// Examine and show the total number
of possible prefix codes for a given
/usr/share/doc/zlib1g-dev/examples/enough.c:// are 286, 9, and 15 respectively,
for the deflate literal/length code. The
/usr/share/doc/zlib1g-dev/examples/enough.c:// possible codes are counted for
each number of coded symbols from two to the
/usr/share/doc/zlib1g-dev/examples/enough.c:// maximum. The counts for each of
those and the total number of codes are
/usr/share/doc/zlib1g-dev/examples/enough.c:    // set up globals for cleanup()
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (code_t word = 1; word; word
<<= 1)
/usr/share/doc/zlib1g-dev/examples/enough.c:        fputs("abort: code length
too long for internal types\n", stderr);
/usr/share/doc/zlib1g-dev/examples/enough.c:    // determine size of saved
results array, checking for overflows,
/usr/share/doc/zlib1g-dev/examples/enough.c:    // count possible codes for all
numbers of symbols, add up counts
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int n = 2; n <= syms; n++)
{
/usr/share/doc/zlib1g-dev/examples/enough.c:    printf("%"PRIbig" total codes
for 2 to %d symbols", sum, syms);
/usr/share/doc/zlib1g-dev/examples/enough.c:    // allocate and clear done array
for been_here()
/usr/share/doc/zlib1g-dev/examples/minigzip.c: * very limited. So use minigzip
only for testing; use gzip for the
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#  include <unix.h> /* for fileno
*/
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#ifndef WIN32 /* unlink already in
stdio.h for WIN32 */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:   for ERROR come from
GetLastError.
/usr/share/doc/zlib1g-dev/examples/minigzip.c:   /* Needed for systems with
limitation on stack size. */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:/* for Z_SOLO, create simplified
gz* functions using deflate and inflate */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#  include <unistd.h>       /* for
unlink() */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    } while (strm->avail_out ==
0);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    } while (strm->avail_out);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:        } while (strm->avail_out
== 0);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    caddr_t buf;    /* mmap'ed
buffer for the entire input file */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    /* Determine the size of the
file, needed for mmap: */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    while (argc > 0) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:        } while (argv++, --argc);
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:  warranty.  In no event will the
author be held liable for any damages
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:  Permission is granted to anyone to
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use this software for any purpose,
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: * 1.1 12 Jun 2005   - Changed ssize_t to long for portability
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: * 1.2 14 Aug 2012   - Clean up for z_const usage
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: crc32 for the concatenated uncompressed data. gzjoin does however have to
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: char *name;   /* name of file for error messages */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:/* open a buffered file for input, return a pointer to type bin, or NULL on
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: } while (len != 0 && in->left < CHUNK);
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: for end-of-file with a read */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: while (bget(in) != 0)
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: while (bget(in) != 0)
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:/* Write header for gzip file to out and initialize trailer. */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: crc and length (modulo 2^32) of the output for the trailer. The resulting
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: gzip file is written to out. gzinit() must be called before the first call
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: unsigned char *junk;   /* buffer for uncompressed data -- discarded */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: /* allocate buffer for uncompressed data and initialize raw inflate
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: for (;;) {
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: /* check for block boundary (only get this when block copied out) */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: while (argc--)
/usr/share/doc/zlib1g-dev/examples/example.c: while (c_stream.total_in != len && c_stream.total_out < comprLen) {
/usr/share/doc/zlib1g-dev/examples/example.c: c_stream.avail_in = c_stream.avail_out = 1; /* force small buffers */
/usr/share/doc/zlib1g-dev/examples/example.c: /* Finish the stream, still forcing small buffers: */
/usr/share/doc/zlib1g-dev/examples/example.c: for (;;) {
/usr/share/doc/zlib1g-dev/examples/example.c: while (d_stream.total_out < uncomprLen && d_stream.total_in < comprLen) {
/usr/share/doc/zlib1g-dev/examples/example.c: d_stream.avail_in = d_stream.avail_out = 1; /* force small buffers */
/usr/share/doc/zlib1g-dev/examples/example.c: for (;;) {
/usr/share/doc/zlib1g-dev/examples/example.c: compr[3]++; /* force an error in first compressed block */
/usr/share/doc/zlib1g-dev/examples/example.c: for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c: 1.0 16 Feb 2003 First version for testing of inflateBack()
/usr/share/doc/zlib1g-dev/examples/gun.c: Fix return value for in()
/usr/share/doc/zlib1g-dev/examples/gun.c: Add typecasting for void * structures
/usr/share/doc/zlib1g-dev/examples/gun.c: Add -h option for command version and usage
/usr/share/doc/zlib1g-dev/examples/gun.c: 1.3 12 Jun 2005 Add casts for error messages [Oberhumer]
/usr/share/doc/zlib1g-dev/examples/gun.c: 1.7 12 Aug 2012 Update for z_const usage in zlib 1.2.8
/usr/share/doc/zlib1g-dev/examples/gun.c: listed files or stdin will be tested as gzip files for integrity (without
/usr/share/doc/zlib1g-dev/examples/gun.c: checking for a proper suffix), no output will be written, and no files
/usr/share/doc/zlib1g-dev/examples/gun.c:#define PIECE 16384   /* limits i/o chunks for 16-bit int case */

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/usr/share/doc/zlib1g-dev/examples/gun.c:/* structure for infback() to pass to
input function in() -- it maintains the
/usr/share/doc/zlib1g-dev/examples/gun.c:   pointer to them.  read() is called
until the buffer is full, or until it
/usr/share/doc/zlib1g-dev/examples/gun.c:    } while (ret != 0 && len < SIZE);
/usr/share/doc/zlib1g-dev/examples/gun.c:/* structure for infback() to pass to
output function out() -- it maintains the
/usr/share/doc/zlib1g-dev/examples/gun.c:   bytes output, both for checking
against the gzip trailer.  (The length in
/usr/share/doc/zlib1g-dev/examples/gun.c:   is called until all of the output is
written or an error is encountered.
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (len != 0);
/usr/share/doc/zlib1g-dev/examples/gun.c:/* next input byte macro for use inside
lunpipe() and gunpipe() */
/usr/share/doc/zlib1g-dev/examples/gun.c:/* memory for gunpipe() and lunpipe()
--
/usr/share/doc/zlib1g-dev/examples/gun.c:unsigned char match[65280 + 2];
/* buffer for reversed match or gzip
/usr/share/doc/zlib1g-dev/examples/gun.c:   aspect of the compressed data format
derived from an implementation that
/usr/share/doc/zlib1g-dev/examples/gun.c:    } while (0)
/usr/share/doc/zlib1g-dev/examples/gun.c:   of buffered input at next.  strm is
used for passing error information back
/usr/share/doc/zlib1g-dev/examples/gun.c:   lunpipe() will return Z_OK on
success, Z_BUF_ERROR for an unexpected end of
/usr/share/doc/zlib1g-dev/examples/gun.c:   not equal to Z_NULL), or
Z_DATA_ERROR for invalid input.
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned mask;             /* mask
for current bits codes */
/usr/share/doc/zlib1g-dev/examples/gun.c:    int max;                   /*
maximum bits per code for this stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned final;            /* last
character written for previous code */
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned stack;            /* next
position for reversed string */
/usr/share/doc/zlib1g-dev/examples/gun.c:       don't create a table entry until
the next code */
/usr/share/doc/zlib1g-dev/examples/gun.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        while (code >= 256) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* set previous code for next
iteration */
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* write output in forward
order */
/usr/share/doc/zlib1g-dev/examples/gun.c:        while (stack > SIZE - outcnt) {
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (outcnt < SIZE)
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (p > match);
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* loop for next code with
final and prev as the last match, rem and
/usr/share/doc/zlib1g-dev/examples/gun.c:    first = 1;
/* looking for first gzip header */
/usr/share/doc/zlib1g-dev/examples/gun.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* look for the two magic
header bytes for a gzip stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (len > have) {
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (NEXT() != 0 &&
last != -1)
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (NEXT() != 0 &&
last != -1)
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* go back and look for another
gzip stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:/* Copy file attributes, from -> to, as
best we can.  This is best effort, so
/usr/share/doc/zlib1g-dev/examples/gun.c:   decompress without writing and check
the gzip trailer for integrity.  If
```

```
/usr/share/doc/zlib1g-dev/examples/gun.c:    /* initialize inflateBack state for
repeated use */
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (argv++, --argc);
grep: /sys/kernel/tracing/instances: Permission denied
grep: /sys/kernel/tracing/trace_stat: Permission denied
grep: /sys/kernel/tracing/per_cpu: Permission denied
grep: /sys/kernel/tracing/options: Permission denied
grep: /sys/kernel/debug: Permission denied
grep: /sys/fs/pstore: Permission denied
grep: /sys/fs/bpf: Permission denied
grep: /run/exim4: Permission denied
grep: /run/wpa_supplicant: Permission denied
grep: /run/user/1525/systemd/inaccessible/dir: Permission denied
grep: /run/sudo: Permission denied
grep: /run/credentials/systemd-tmpfiles-setup.service: Permission denied
grep: /run/credentials/systemd-tmpfiles-setup-dev.service: Permission denied
grep: /run/credentials/systemd-sysusers.service: Permission denied
grep: /run/credentials/systemd-sysctl.service: Permission denied
grep: /run/systemd/ask-password-block: Permission denied
grep: /run/systemd/propagate: Permission denied
grep: /run/systemd/unit-root: Permission denied
grep: /run/systemd/inaccessible/dir: Permission denied
grep: /run/initramfs: Permission denied
grep: /tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-systemd-
timesyncd.service-RuVcbr: Permission denied
grep: /tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-systemd-
logind.service-fI4pZd: Permission denied
grep: /tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-bluetooth.service-
ijvWQU: Permission denied
grep: /tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-
ModemManager.service-TmBuWu: Permission denied
grep: /etc/ppp/peers: Permission denied
grep: /etc/chatscripts: Permission denied
grep: /etc/ssl/private: Permission denied
grep: /etc/polkit-1/localauthority: Permission denied
grep: /etc/polkit-1/rules.d: Permission denied
grep: /var/lib/NetworkManager: Permission denied
grep: /var/lib/private: Permission denied
grep: /var/lib/bluetooth: Permission denied
grep: /var/lib/polkit-1: Permission denied
grep: /var/lib/udisks2: Permission denied
grep: /var/lib/apt/lists/partial: Permission denied
grep: /var/log/private: Permission denied
grep: /var/log/exim4: Permission denied
grep: /var/spool/exim4: Permission denied
grep: /var/spool/cron/crontabs: Permission denied
grep: /var/spool/cron/atjobs: Permission denied
grep: /var/spool/cron/atspool: Permission denied
grep: /var/tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-systemd-
timesyncd.service-3qQWXY: Permission denied
grep: /var/tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-
bluetooth.service-eo2ak7: Permission denied
grep: /var/tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-
ModemManager.service-WH07IW: Permission denied
grep: /var/tmp/systemd-private-8da323831a59463c87e2bdc3cbbc4ffd-systemd-
logind.service-qj6pHB: Permission denied
grep: /var/cache/ldconfig: Permission denied
grep: /var/cache/private: Permission denied
grep: /var/cache/apt/archives/partial: Permission denied
sec36353@raspberrypi2025:~/PL/trab3 $ grep -r -E "while|for|until" --
include="*.c" / 2> /dev/null
/home/ersc31657/PL/trab3/teste.c:    for(int i = 0; i < 10; i++) {
/home/ecgm33107/ASC/Semana8/eggs.c:     printf("The number of eggs for the day:
");
```

```
/home/ecgm33107/ASC/Semana8/eggs.c:     printf("The number of eggs for the day:
");
/usr/lib/python3/dist-packages/numpy/distutils/mingw/gfortran_vs2003_hack.c:int
_get_output_format(void)
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx2.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx2.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_skx.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_skx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_cnl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_cnl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_ssse3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_ssse3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512f.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512f.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse42.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse42.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_f16c.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_f16c.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knm.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knm.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_icl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_icl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_popcnt.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_popcnt.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_clx.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_clx.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512cd.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512cd.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_fma3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_fma3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
```

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/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse41.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse41.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knl.c:     *
whether or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_avx512_knl.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse3.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse3.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse2.c:     * whether
or not the build options for those features are specified.
/usr/lib/python3/dist-packages/numpy/distutils/checks/cpu_sse2.c:     *
Therefore, we must test #definitions of CPU features when option native/host
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:#include
"fortranobject.h"
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c: * Python-only
fallback for thread-local callback pointers
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:typedef PyObject
*(*fortranfunc)(PyObject *, PyObject *, PyObject *, void *);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    while
(defs[fp->len].name != NULL) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0; i
< fp->len; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:{ /* used for
calling F90 module routines */
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_dealloc(PyFortranObject *fp)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:format_def(char
*buf, Py_ssize_t size, FortranDataDef def)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 1; i
< def.rank; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_doc(FortranDataDef def)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            n =
format_def(p, size, def);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            n =
format_def(p, size, def);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"fortranobject.c: fortran_doc: len(p)=%zd>%zd=size:"
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    if (*f) /* In
fortran f=allocated(d) */
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_getattr(PyFortranObject *fp, char *name)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0, j
= 1; i < fp->len && (j = strcmp(name, fp->defs[i].name));
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            for (k
= 0; k < fp->defs[i].rank; ++k) fp->defs[i].dims.d[k] = -1;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < fp->len; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            s2 =
fortran_doc(fp->defs[i]);
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_setattr(PyFortranObject *fp, char *name, PyObject *v)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0, j
= 1; i < fp->len && (j = strcmp(name, fp->defs[i].name));
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"over-writing fortran routine");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
see f2py generated code for more
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = -1;
```

```
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = 0;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
for (k = 0; k < fp->defs[i].rank; k++) dims[k] = -1;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
"delete non-existing fortran attribute");
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_call(PyFortranObject *fp, PyObject *arg, PyObject *kw)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    /*
printf("fortran call
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            return
(*((fortranfunc)(fp->defs[i].func)))((PyObject *)fp, arg,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            return
(*((fortranfunc)(fp->defs[i].func)))(
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
PyErr_Format(PyExc_TypeError, "this fortran object is not callable");
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:fortran_repr(PyFortranObject *fp)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        repr =
PyUnicode_FromFormat("<fortran %U>", name);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        repr =
PyUnicode_FromString("<fortran object>");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
PyVarObject_HEAD_INIT(NULL, 0).tp_name = "fortran",
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_dealloc = (destructor)fortran_dealloc,
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_getattr = (getattrfunc)fortran_getattr,
/usr/lib/python3/dist-packages/numpy/f2py/src/
fortranobject.c:        .tp_setattr = (setattrfunc)fortran_setattr,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        .tp_repr =
(reprfunc)fortran_repr,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        .tp_call =
(ternaryfunc)fortran_call,
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
fprintf(stderr, "                     < F2PY performance report >\n");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c: * $Id:
fortranobject.c,v 1.52 2005/07/11 07:44:20 pearu Exp $
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (int i =
0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i = 0; i
< rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    PyObject* fast
= PySequence_Fast(obj, "f2py:fortranobject.c:get_elsize");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:      for (i=0;
i<n; i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * object
while taking into account the usage intent of the array.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * for an
exception to be triggered within this function.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:     * 0.
Therefore, for string types, one has to use elsize
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            for(i
= 0; i < rank; ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for
(i=1;i<=16;i++)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:
strcat(mess, " -- input not fortran contiguous");
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    if possible.
Provided for backward compatibility.
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/* Helper
functions for array_from_pyobj */
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < PyArray_NDIM(arr); ++i) {
```

```
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
PyArray_NDIM(arr); i < rank; ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, effrank = 0; i < PyArray_NDIM(arr); ++i)
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, j = 0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            while
(j < PyArray_NDIM(arr) && PyArray_DIM(arr, j) < 2) ++j;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
rank; i < PyArray_NDIM(arr);
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            while
(j < PyArray_NDIM(arr) && PyArray_DIM(arr, j) < 2) ++j;
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:        for (i =
0, size = 1; i < rank; ++i) size *= dims[i];
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            for (i
= 0; i < rank; ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:            for (i
= 0; i < PyArray_NDIM(arr); ++i) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:    for (i=0;
i<PyArray_NDIM(arr); i++) {
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/* Compatibility
functions for Python >= 3.0 */
/usr/lib/python3/dist-packages/numpy/f2py/src/fortranobject.c:/
************************ EOF fortranobject.c ******************************/
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c: * Pearu for testing purposes.  Do not edit this file unless you
know what you
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:#include "fortranobject.h"
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:  for (i=0;i<rank;++i) {
/usr/lib/python3/dist-packages/numpy/f2py/tests/src/array_from_pyobj/
wrapmodule.c:  for (i=0;i<PyArray_NDIM(arr);++i) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:/* Test for GCC > 2.95 */
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    size_t defaults_size;
// used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:static const char
__pyx_k_Return_quadratic_Bezier_splines[] = "Return quadratic Bezier splines
approximating the input cubic Beziers.\n\n    Args:\n        curves: A sequence
```

```
of *n* curves, each curve being a sequence of four\n            2D tuples.\n
max_errors: A sequence of *n* floats representing the maximum permissible\n
deviation from each of the cubic Bezier curves.\n\n    Example::\n\n        >>>
curves_to_quadratic( [\n        ...   [ (50,50), (100,100), (150,100),
(200,50) ],\n        ...   [ (75,50), (120,100), (150,75),  (200,60) ]
\n        ... ], [1,1] )\n        [[(50.0, 50.0), (75.0, 75.0), (125.0,
91.66666666666666), (175.0, 75.0), (200.0, 50.0)], [(75.0, 50.0), (97.5, 75.0),
(135.41666666666666, 82.08333333333333), (175.0, 67.5), (200.0, 60.0)]]\n\n
The returned splines have \"implied oncurve points\" suitable for use in\n
TrueType ``glif`` outlines - i.e. in the first spline returned above,\n    the
first quadratic segment runs from (50,50) to\n    ( (75 + 125)/2 , (120 +
91.666..)/2 ) = (100, 83.333...).\n\n    Returns:\n        A list of splines,
each spline being a list of 2D tuples.\n\n    Raises:\n
fontTools.cu2qu.Errors.ApproxNotFoundError: if no suitable approximation\n
can be foundfor all curves with the given parameters.\n    ";
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:      for (i=0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (index=0; index <
4; index++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_14 = 0;
__pyx_t_14 < __pyx_t_13; __pyx_t_14+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(n):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for i in range(1,
n+1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_11 = 1;
__pyx_t_11 < __pyx_t_10; __pyx_t_11+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:       for (i=0; i < 4;
i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:     for (index=0; index
< 4; index++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curve =
[complex(*p) for p in curve]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curve =
[complex(*p) for p in curve]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  for (__pyx_t_9 = 1;
__pyx_t_9 < __pyx_t_8; __pyx_t_9+=1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:       for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     for n in range(1,
MAX_N + 1):
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
```

```
[(s.real, s.imag) for s in spline]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:static char
__pyx_doc_9fontTools_5cu2qu_5cu2qu_13curves_to_quadratic[] =
"curves_to_quadratic(curves, max_errors)\nReturn quadratic Bezier splines
approximating the input cubic Beziers.\n\n    Args:\n        curves: A sequence
of *n* curves, each curve being a sequence of four\n            2D tuples.\n
max_errors: A sequence of *n* floats representing the maximum permissible\n
deviation from each of the cubic Bezier curves.\n\n    Example::\n\n        >>>
curves_to_quadratic( [\n        ...   [ (50,50), (100,100), (150,100),
(200,50) ],\n        ...   [ (75,50), (120,100), (150,75),  (200,60) ]
\n        ... ], [1,1] )\n        [[(50.0, 50.0), (75.0, 75.0), (125.0,
91.66666666666666), (175.0, 75.0), (200.0, 50.0)], [(75.0, 50.0), (97.5, 75.0),
(135.41666666666666, 82.08333333333333), (175.0, 67.5), (200.0, 60.0)]]\n\n
The returned splines have \"implied oncurve points\" suitable for use in\n
TrueType ``glif`` outlines - i.e. in the first spline returned above,\n    the
first quadratic segment runs from (50,50) to\n    ( (75 + 125)/2 , (120 +
91.666..)/2 ) = (100, 83.333...).\n\n    Returns:\n        A list of splines,
each spline being a list of 2D tuples.\n\n    Raises:\n
fontTools.cu2qu.Errors.ApproxNotFoundError: if no suitable approximation\n
can be found for all curves with the given parameters.\n    ";
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curves =
[[complex(*p) for p in curve] for curve in curves]             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     curves =
[[complex(*p) for p in curve] for curve in curves]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (__pyx_temp=0;
__pyx_temp < __pyx_v_l; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *     while True:
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            for (;;) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *            return
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c: *             return
[[(s.real, s.imag) for s in spline] for spline in splines]
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i = 0; i < na;
i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        "%s() got
multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            while (*name)
```

```
{
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while ((exc_info-
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (start < end) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i = 0; i <
n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        /* We have to
handle this case for asynchronous generators
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    for (i = 0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/cu2qu/cu2qu.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (*u_end+
+) ;
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (c = 0; c
< 128; c++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:/* Test for GCC >
2.95 */
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:#define
__Pyx_CLEAR(r)    do { PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:#define
__Pyx_XCLEAR(r)   do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r =
NULL; __Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    size_t
defaults_size;  // used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        "%s() got
```

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multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        while (*name
&& (**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:            while
(*name) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i = 0; i <
na; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i <
nbases; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
< m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
< m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (start <
end) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i = 0; i
< n; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i<n; i+
+) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i=0; i<n; i+
+) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    for (i = 0; i <
4; i++) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (i=0;
i<4; ++i) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/pens/momentsPen.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:/* Test for GCC > 2.95
*/
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XINCREF(r)  do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XDECREF(r)  do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
```

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__Pyx_XGOTREF(r)  do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    size_t
defaults_size;  // used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_scan_until[] = "scan_until_";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_Lexer_scan_until[] = "Lexer.scan_unti_";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_Expected_before_file_name[] = "Expected '(' before file name";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static const char
__pyx_k_A_Lexer_that_follows_include_sta[] = "A Lexer that follows include
statements.\n\n    The OpenType feature file specification states that due to\n
historical reasons, relative imports should be resolved in this \n    order:\n\n
1. If the source font is UFO format, then relative to the UFO's\n       font
directory\n    2. relative to the top-level include file\n    3. relative to the
parent include file\n\n    We only support 1 (via includeDir) and 2.\n    ";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_kp_u_Expected_before_file_name;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_n_s_Lexer_scan_until;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_n_s_scan_until;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(CYTHON_UNUSED PyObject
*__pyx_self, PyObject *__pyx_v_self, PyObject *__pyx_v_stop_at); /* proto */
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_3 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_3)) __PYX_ERR(0, 90, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)            #
<<<<<<<<<<<<<<
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        PyObject
*__pyx_temp[3] = {__pyx_t_1, __pyx_kp_u_Expected_before_file_name,
__pyx_v_location};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        PyObject
*__pyx_temp[3] = {__pyx_t_1, __pyx_kp_u_Expected_before_file_name,
__pyx_v_location};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_INCREF(__pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_GIVEREF(__pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
PyTuple_SET_ITEM(__pyx_t_2, 0+__pyx_t_8, __pyx_kp_u_Expected_before_file_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_4 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_4)) __PYX_ERR(0, 96, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(")")
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *                 raise
FeatureLibError("Expected '(' before file name", location)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    __pyx_t_2 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_2)) __PYX_ERR(0, 159, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_('"')
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
```

```
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_(PyObject *__pyx_self,
PyObject *__pyx_args, PyObject *__pyx_kwds); /*proto*/
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static char
__pyx_doc_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_[] =
"Lexer.scan_until_(self, stop_at)";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyMethodDef
__pyx_mdef_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_ = {"scan_until_",
(PyCFunction)(void*)
(PyCFunctionWithKeywords)__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_
, METH_VARARGS|METH_KEYWORDS,
__pyx_doc_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_};
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pw_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_(PyObject *__pyx_self,
PyObject *__pyx_args, PyObject *__pyx_kwds) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RefNannySetupContext("scan_until_ (wrapper)", 0);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RaiseArgtupleInvalid("scan_until_", 1, 2, 2, 1); __PYX_ERR(0, 175,
__pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        if
(unlikely(__Pyx_ParseOptionalKeywords(__pyx_kwds, __pyx_pyargnames, 0, values,
pos_args, "scan_until_") < 0)) __PYX_ERR(0, 175, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RaiseArgtupleInvalid("scan_until_", 1, 2, 2,
PyTuple_GET_SIZE(__pyx_args)); __PYX_ERR(0, 175, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_AddTraceback("fontTools.feaLib.lexer.Lexer.scan_until_", __pyx_clineno,
__pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_r =
__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(__pyx_self,
__pyx_v_self, __pyx_v_stop_at);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static PyObject
*__pyx_pf_9fontTools_6feaLib_5lexer_5Lexer_14scan_until_(CYTHON_UNUSED PyObject
*__pyx_self, PyObject *__pyx_v_self, PyObject *__pyx_v_stop_at) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_RefNannySetupContext("scan_until_", 0);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
__Pyx_AddTraceback("fontTools.feaLib.lexer.Lexer.scan_until_", __pyx_clineno,
__pyx_lineno, __pyx_filename);
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_t_2 =
__Pyx_PyObject_GetAttrStr(__pyx_v_self, __pyx_n_s_scan_until); if (unlikely(!
__pyx_t_2)) __PYX_ERR(0, 184, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
self.scan_until_(Lexer.CHAR_NEWLINE_)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:static char
__pyx_doc_9fontTools_6feaLib_5lexer_14IncludingLexer___init__[] =
"IncludingLexer.__init__(self, featurefile, *, includeDir=None)\nInitializes an
IncludingLexer.\n\n        Behavior:\n            If includeDir is passed, it
will be used to determine the top-level\n               include directory to use
for all encountered include statements. If it is\n            not passed,
``os.path.dirname(featurefile)`` will be considered the\n            include
directory.\n        ";
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  while (1) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *
# its filesystem path, therefore we fall back to using the
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_kp_u_Expected_before_file_name, __pyx_k_Expected_befoe_file_name,
sizeof(__pyx_k_Expected_before_file_name), 0, 1, 0, 0},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_n_s_Lexer_scan_until, __pyx_k_Lexer_scan_until,
sizeof(__pyx_k_Lexer_scan_until), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:
{&__pyx_n_s_scan_until, __pyx_k_scan_until, sizeof(__pyx_k_scan_until), 0, 0, 1,
1},
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_codeobj__34 =
(PyObject*)__Pyx_PyCode_New(2, 0, 3, 0, CO_OPTIMIZED|CO_NEWLOCALS,
__pyx_empty_bytes, __pyx_empty_tuple, __pyx_empty_tuple, __pyx_tuple__33,
__pyx_empty_tuple, __pyx_empty_tuple, __pyx_kp_s_Lib_fontTools_feaLib_lexer_py,
__pyx_n_s_scan_until, 175, __pyx_empty_bytes); if (unlikely(!__pyx_codeobj__34))
__PYX_ERR(0, 175, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while True:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
```

```
self.text_length_ and self.text_[p] in valid:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *     def
scan_until_(self, stop_at):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while p <
self.text_length_ and self.text_[p] not in stop_at:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  __pyx_t_9 =
__Pyx_CyFunction_New(&__pyx_mdef_9fontTools_6feaLib_5lexer_5Lexer_15scan_until_,
0, __pyx_n_s_Lexer_scan_until, NULL, __pyx_n_s_fontTools_feaLib_lexer, __pyx_d,
((PyObject *)__pyx_codeobj__34)); if (unlikely(!__pyx_t_9)) __PYX_ERR(0, 175,
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:  if
(__Pyx_SetNameInClass(__pyx_t_2, __pyx_n_s_scan_until, __pyx_t_9) < 0)
__PYX_ERR(0, 175, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c: *         while
self.lexers_:
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         "%s() got
multiple values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         "%s() got
multiple values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:             while
(*name) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:                 while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:             while
(*name) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:                 while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i = 0; i < na;
i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while ((exc_info-
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         for (i = 0; i <
n; i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i<n; i++)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i=0; i <
nbases; i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:         for (i = 0; i <
m->defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (start < end)
{
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
```

```
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    for (i = 0; i < 4;
i++) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/feaLib/lexer.c:        for (c =
defenc_c; c < end; c++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        if (!(empty =
PyTuple_New(0))) goto cleanup_code_too; // unfortunately __pyx_empty_tuple isn't
available here
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define
PyObject_Format(obj, fmt)  PyObject_CallMethod(obj, "__format__", "O", fmt)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (*u_end++) ;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (c = 0; c <
128; c++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:/* Test for GCC > 2.95 */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject
*__pyx_arg_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XINCREF(r)
do { if((r) != NULL) {__Pyx_INCREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XDECREF(r)
do { if((r) != NULL) {__Pyx_DECREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define __Pyx_XGOTREF(r)
do { if((r) != NULL) {__Pyx_GOTREF(r); }} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  #define
__Pyx_XGIVEREF(r) do { if((r) != NULL) {__Pyx_GIVEREF(r);}} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    } while (0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:#define __Pyx_CLEAR(r)
do { PyObject* tmp = ((PyObject*)(r)); r = NULL; __Pyx_DECREF(tmp);} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:#define __Pyx_XCLEAR(r)
do { if((r) != NULL) {PyObject* tmp = ((PyObject*)(r)); r = NULL;
__Pyx_DECREF(tmp);}} while(0)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    size_t defaults_size;
// used by FusedFunction for copying defaults
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_force[] = "force";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_forced[] = "forced";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static const char
__pyx_k_iup_contour_bound_forced_set[] = "_iup_contour_bound_forced_set";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_force;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_n_s_iup_contour_bound_forced_set;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_tolerance); /* proto */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(CYTHON_UNUSED
```

```
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_foced, PyObject *__pyx_v_tolerance, PyObject
*__pyx_v_lookback); /* proto */
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_iup_segment[] = "iup_segment(coords:
_PointSegment, rc1: _Point, rd1: _Delta, rc2: _Point, rd2: _Delta) ->
_DeltaSegment\nGiven two reference coordinates `rc1` & `rc2` and their
respective\n\tdelta vectors `rd1` & `rd2`, returns interpolated deltas for the
set of\n\tcoordinates `coords`. ";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          for
(__pyx_temp=0; __pyx_temp < __pyx_v_n; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          for
(__pyx_temp=0; __pyx_temp < __pyx_v_n; __pyx_temp++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for pair
in coords:              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        indices = [i for
i,v in enumerate(deltas) if v is not None]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in it:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_6can_iup_in_between[] =
"can_iup_in_between(deltas: _DeltaSegment, coords: _PointSegment, i: Integral,
j: Integral, tolerance: Real) -> bool\nReturn true if the deltas for points at
`i` and `j` (`i < j`) can be\n\tsuccessfully used to interpolate deltas for
points in between them within\n\tprovided error tolerance.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,            #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set(PyObject
*__pyx_self, PyObject *__pyx_args, PyObject *__pyx_kwds); /*proto*/
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_8_iup_contour_boundforced_set[] =
"_iup_contour_bound_forced_set(deltas: _DeltaSegment, coords: _PointSegment,
tolerance: Real = 0) -> set\nThe forced set is a conservative set of points on
the contour that must be encoded\n\texplicitly (ie. cannot be interpolated).
Calculating this set allows for significantly\n\tspeeding up the dynamic-
programming, as well as resolve circularity in DP.\n\n\tThe set is precise; that
is, if an index is in the returned set, then there is no way\n\tthat IUP can
generate delta for that point, given `coords` and `deltas`.\n\t";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyMethodDef
__pyx_mdef_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set =
{"_iup_contour_bound_forced_set", (PyCFunction)(void*)
(PyCFunctionWithKeywords)__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_fo
rced_set, METH_VARARGS|METH_KEYWORDS,
__pyx_doc_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pw_9fontTools_6varLib_3iup_9_iup_contour_bound_forced_set(PyObject
*__pyx_self, PyObject *__pyx_args, PyObject *__pyx_kwds) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RefNannySetupContext("_iup_contour_bound_forced_set (wrapper)", 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RaiseArgtupleInvalid("_iup_contour_bound_forced_set", 0, 2, 3, 1);
__PYX_ERR(0, 162, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        if
(unlikely(__Pyx_ParseOptionalKeywords(__pyx_kwds, __pyx_pyargnames, 0, values,
pos_args, "_iup_contour_bound_forced_set") < 0)) __PYX_ERR(0, 162,
__pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RaiseArgtupleInvalid("_iup_contour_bound_forced_set", 0, 2, 3,
PyTuple_GET_SIZE(__pyx_args)); __PYX_ERR(0, 162, __pyx_L3_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_AddTraceback("fontTools.varLib.iup._iup_contour_bound_forced_set",
__pyx_clineno, __pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(__pyx_self,
```

```
__pyx_v_deltas, __pyx_v_coords, __pyx_v_tolerance);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_8_iup_contour_bound_forced_set(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_tolerance) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= NULL;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  int __pyx_v_force;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_RefNannySetupContext("_iup_contour_bound_forced_set", 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        that IUP can
generate delta for that point, given `coords` and `deltas`.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_v_forced =
((PyObject*)__pyx_t_3);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = False
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = False             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_v_force = 0;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# If coordinate for current point is between coordinate of adjacent
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          __pyx_v_force =
1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# This test has to be before the next one.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
```

```
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          __pyx_v_force =
1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
# Mark it forced.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__pyx_v_force = 1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__pyx_v_force = 1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_9 =
(__pyx_v_force != 0);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        __pyx_t_14 =
PySet_Add(__pyx_v_forced, __pyx_v_i); if (unlikely(__pyx_t_14 == ((int)-1)))
__PYX_ERR(0, 229, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
force = True
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if force:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced.add(i)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
(0,1): # For X and for Y             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced = set()
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(len(deltas)-1, -1, -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_v_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_AddTraceback("fontTools.varLib.iup._iup_contour_bound_forced_set",
__pyx_clineno, __pyx_lineno, __pyx_filename);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_XDECREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_self)-
>__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_self)-
>__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_1, 0, __Pyx_CyFunction_Defaults(__pyx_defaults,
__pyx_self)->__pyx_arg_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp[] =
"_iup_contour_optimize_dp(deltas: _DeltaSegment, coords: _PointSegment,
forced={}, tolerance: Real = 0, lookback: Integral = None)\nStraightforward
Dynamic-Programming.  For each index i, find least-costly encoding of\n\tpoints
0 to i where i is explicitly encoded.  We find this by considering all
previous\n\texplicit points j and check whether interpolation can fill points
between j and i.\n\n\tNote that solution always encodes last point explicitly.
Higher-level is responsible\n\tfor removing that restriction.\n\n\tAs major
speedup, we stop looking further whenever we see a \"foced\" point.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= 0;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    static PyObject
**__pyx_pyargnames[] =
{&__pyx_n_s_deltas,&__pyx_n_s_coords,&__pyx_n_s_forced,&__pyx_n_s_tolerance,&__p
yx_n_s_lookback,0};
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    values[2] =
__pyx_dynamic_args->__pyx_arg_forced;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:          PyObject* value
= __Pyx_PyDict_GetItemStr(__pyx_kwds, __pyx_n_s_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_v_forced =
values[2];
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_r =
__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(__pyx_self,
__pyx_v_deltas, __pyx_v_coords, __pyx_v_forced, __pyx_v_tolerance,
__pyx_v_lookback);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static PyObject
*__pyx_pf_9fontTools_6varLib_3iup_10_iup_contour_optimize_dp(CYTHON_UNUSED
PyObject *__pyx_self, PyObject *__pyx_v_deltas, PyObject *__pyx_v_coords,
PyObject *__pyx_v_foced, PyObject *__pyx_v_tolerance, PyObject
*__pyx_v_lookback) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        As major
speedup, we stop looking further whenever we see a "forced" point."""
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_t_3 =
(__Pyx_PySequence_ContainsTF(__pyx_t_4, __pyx_v_forced, Py_EQ)); if
(unlikely(__pyx_t_3 < 0)) __PYX_ERR(0, 260, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                if i - 1
in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_2 =
(__Pyx_PySequence_ContainsTF(__pyx_v_j, __pyx_vforced, Py_EQ)); if
(unlikely(__pyx_t_2 < 0)) __PYX_ERR(0, 271, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
if j in forced:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for j in
range(i-2, max(i-lookback, -2), -1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for i in
range(0, n):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:static char
__pyx_doc_9fontTools_6varLib_3iup_12_rot_list[] = "_rot_list(list l: list, k:
int)\nRotate list by k items forward.  Ie. item at position 0 will be\n\tat
position k in returned list.  Negative k is allowed.";
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  PyObject *__pyx_v_forced
= NULL;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if
all(abs(complex(*p)) <= tolerance for p in deltas):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if all(d0 == d
for d in deltas):              # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        forced =
_iup_contour_bound_forced_set(deltas, coords, tolerance)             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GetModuleGlobalName(__pyx_t_5, __pyx_n_s_iup_contour_bound_forced_set); if
(unlikely(!__pyx_t_5)) __PYX_ERR(0, 318, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_v_forced =
__pyx_t_3;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        # if the font
size changes (reduced); that would mean the forced-set
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if forced:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_t_4 =
__Pyx_PyObject_IsTrue(__pyx_v_forced); if (unlikely(__pyx_t_4 < 0)) __PYX_ERR(0,
327, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                k =
(n-1) - max(forced)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    __pyx_t_5 =
__Pyx_PyObject_CallOneArg(__pyx_builtin_max, __pyx_v_forced); if (unlikely(!
```

```
__pyx_t_5)) __PYX_ERR(0, 330, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                k =
(n-1) - max(forced)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                forced =
_rot_set(forced, k, n)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
Debugging: Pass a set() instead of forced variable to the next call
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[4] = {__pyx_t_3, __pyx_v_forced, __pyx_v_k, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[4] = {__pyx_t_3, __pyx_v_forced, __pyx_v_k, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_1, 0+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_DECREF_SET(__pyx_v_forced, __pyx_t_7);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
Debugging: Pass a set() instead of forced variable to the next call
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # to
exercise forced-set computation for under-counting.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas, coords, forced, tolerance)
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[5] = {__pyx_t_1, __pyx_cur_scope->__pyx_v_deltas, __pyx_v_coords,
__pyx_v_forced, __pyx_cur_scope->__pyx_v_tolerance};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[5] = {__pyx_t_1, __pyx_cur_scope->__pyx_v_deltas, __pyx_v_coords,
__pyx_v_forced, __pyx_cur_scope->__pyx_v_tolerance};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_3, 2+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                while i
is not None:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #if not
forced <= solution:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= solution, (forced, solution)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_7 =
PyObject_RichCompare(__pyx_v_forced, __pyx_v_solution, Py_LE);
__Pyx_XGOTREF(__pyx_t_7); if (unlikely(!__pyx_t_7)) __PYX_ERR(0, 353,
```

```
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_7, 0, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= solution, (forced, solution)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]            #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in solution else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # Repeat
the contour an extra time, solve the new case, then look for solutions of the
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        # if the font
size changes (reduced); that would mean the forced-set
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        if forced:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # such
that the last point in the list is a forced point.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #
circular n-length problem in the solution for new linear case.  I cannot prove
that
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas+deltas, coords+coords, forced,
tolerance, n)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[6] = {__pyx_t_1, __pyx_t_12, __pyx_t_7, __pyx_v_forced,
__pyx_cur_scope->__pyx_v_tolerance, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      PyObject
*__pyx_temp[6] = {__pyx_t_1, __pyx_t_12, __pyx_t_7, __pyx_v_forced,
__pyx_cur_scope->__pyx_v_tolerance, __pyx_v_n};
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_13, 2+__pyx_t_6, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                chain,
costs = _iup_contour_optimize_dp(deltas+deltas, coords+coords, forced,
tolerance, n)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      while (1) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
while i > start - n:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                #if not
forced <= best_sol:
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                for
start in range(n-1, len(costs) - 1):             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= best_sol, (forced, best_sol)             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in best_sol else None for i in range(n)]
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      __pyx_t_5 =
PyObject_RichCompare(__pyx_v_forced, __pyx_v_best_sol, Py_LE);
__Pyx_XGOTREF(__pyx_t_5); if (unlikely(!__pyx_t_5)) __PYX_ERR(0, 381,
__pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_INCREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_GIVEREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyTuple_SET_ITEM(__pyx_t_5, 0, __pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                assert
forced <= best_sol, (forced, best_sol)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                deltas =
[deltas[i] if i in best_sol else None for i in range(n)]             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:      for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_XDECREF(__pyx_v_forced);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  for (;;) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for end in ends:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  {&__pyx_n_s_force,
__pyx_k_force, sizeof(__pyx_k_force), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  {&__pyx_n_s_forced,
__pyx_k_forced, sizeof(__pyx_k_forced), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
{&__pyx_n_s_iup_contour_bound_forced_set, __pyx_k_iup_contour_bound_forced_set,
sizeof(__pyx_k_iup_contour_bound_forced_set), 0, 0, 1, 1},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        for j in 0,1:
# <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *                # All
deltas are None.  Return 0,0 for all.
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__11 =
PyTuple_Pack(24, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_tolerance,
__pyx_n_s_n, __pyx_n_s_forced, __pyx_n_s_i, __pyx_n_s_ld, __pyx_n_s_lc,
__pyx_n_s_d, __pyx_n_s_c, __pyx_n_s_nd, __pyx_n_s_nc, __pyx_n_s_j, __pyx_n_s_cj,
__pyx_n_s_dj, __pyx_n_s_lcj, __pyx_n_s_ldj, __pyx_n_s_ncj, __pyx_n_s_ndj,
__pyx_n_s_c1, __pyx_n_s_c2, __pyx_n_s_d1, __pyx_n_s_d2, __pyx_n_s_force); if
(unlikely(!__pyx_tuple__11)) __PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_codeobj__12 =
(PyObject*)__Pyx_PyCode_New(3, 0, 24, 0, CO_OPTIMIZED|CO_NEWLOCALS,
__pyx_empty_bytes, __pyx_empty_tuple, __pyx_empty_tuple, __pyx_tuple__11,
__pyx_empty_tuple, __pyx_empty_tuple, __pyx_kp_s_Lib_fontTools_varLib_iup_py,
__pyx_n_s_iup_contour_bound_forced_set, 162, __pyx_empty_bytes); if (unlikely(!
__pyx_codeobj__12)) __PYX_ERR(0, 162, __pyx_L1_error)
```

```
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__14 =
PyTuple_Pack(12, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_forced,
__pyx_n_s_tolerance, __pyx_n_s_lookback, __pyx_n_s_n, __pyx_n_s_costs,
__pyx_n_s_chain, __pyx_n_s_i, __pyx_n_s_best_cost, __pyx_n_s_j, __pyx_n_s_cost);
if (unlikely(!__pyx_tuple__14)) __PYX_ERR(0, 234, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_tuple__20 =
PyTuple_Pack(20, __pyx_n_s_deltas, __pyx_n_s_coords, __pyx_n_s_tolerance,
__pyx_n_s_n, __pyx_n_s_d0, __pyx_n_s_forced, __pyx_n_s_k, __pyx_n_s_chain,
__pyx_n_s_costs, __pyx_n_s_solution, __pyx_n_s_i, __pyx_n_s_best_sol,
__pyx_n_s_best_cost, __pyx_n_s_start, __pyx_n_s_cost, __pyx_n_s_genexpr,
__pyx_n_s_genexpr, __pyx_n_s_genexpr, __pyx_n_s_i, __pyx_n_s_i); if (unlikely(!
__pyx_tuple__20)) __PYX_ERR(0, 289, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        delta vectors
`rd1` & `rd2`, returns interpolated deltas for the set of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Return true
if the deltas for points at `i` and `j` (`i < j`) can be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Return true
if the deltas for points at `i` and `j` (`i < j`) can be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        successfully
used to interpolate deltas for points in between them within
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """The forced
set is a conservative set of points on the contour that must be encoded
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """The forced
set is a conservative set of points on the contour that must be encoded
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        explicitly (ie.
cannot be interpolated).  Calculating this set allows for significantly
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return
all(abs(complex(x-p, y-q)) <= tolerance for (x,y),(p,q) in zip(deltas, interp))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: * def
_iup_contour_bound_forced_set(deltas : _DeltaSegment,             #
<<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  __pyx_t_7 =
__Pyx_CyFunction_New(&__pyx_mdef_9fontTools_6varLib_3iup_9_iup_contour_bound_for
ced_set, 0, __pyx_n_s_iup_contour_bound_forced_set, NULL,
__pyx_n_s_fontTools_varLib_iup, __pyx_d, ((PyObject *)__pyx_codeobj__12)); if
(unlikely(!__pyx_t_7)) __PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:  if
(PyDict_SetItem(__pyx_d, __pyx_n_s_iup_contour_bound_forced_set, __pyx_t_7) < 0)
__PYX_ERR(0, 162, __pyx_L1_error)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
```

```
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
"""Straightforward Dynamic-Programming.  For each index i, find least-costly
encoding of
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return forced
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *
forced={},             # <<<<<<<<<<<<<<
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
__Pyx_CyFunction_Defaults(__pyx_defaults, __pyx_t_2)->__pyx_argforced =
__pyx_t_1;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        """Rotate list
by k items forward.  Ie. item at position 0 will be
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c: *        return {(v + k)
% n for v in s}
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        "%s() got multiple
values for keyword argument '%U'", func_name, kw_name);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        "%s() got multiple
values for keyword argument '%s'", func_name,
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while
(PyDict_Next(kwds, &pos, &key, &value)) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        while (*name &&
(**name != key)) name++;
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:            while (*name)
{
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:                while
(argname != first_kw_arg) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i < na; i+
+) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
(Py_EnterRecursiveCall((char*)" while calling a Python object")) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        while
(PyDict_Next(kwargs, &pos, &k[i], &k[i+1])) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:
PyErr_Format(PyExc_NameError, "free variable '%s' referenced before assignment
in enclosing scope", varname);
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i <
length; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    if
(unlikely(Py_EnterRecursiveCall((char*)" while calling a Python object")))
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < m-
>defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < m-
>defaults_pyobjects; i++)
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (start < end) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for
(i=__pyx_code_cache.count; i>pos; i--) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (a) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i = 0; i < n;
i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i=0; i<n; i++) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while ((exc_info-
```

```
>exc_type == NULL || exc_info->exc_type == Py_None) &&
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        /* We have to
handle this case for asynchronous generators
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    for (i = 0; i < 4; i+
+) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (i=0; i<4; +
+i) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:    while (t->p) {
/usr/lib/python3/dist-packages/fontTools/varLib/iup.c:        for (c = defenc_c;
c < end; c++) {
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:Copyright (c) 1995-
2000, Corporation for National Research Initiatives.
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:See the file
"Misc/COPYRIGHT" for information on usage and
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:redistribution of
this file, and for a DISCLAIMER OF ALL WARRANTIES.
/usr/lib/python3.11/config-3.11-arm-linux-gnueabihf/config.c:    /* These
entries are here for sys.builtin_module_names */
/usr/share/vim/vim90/macros/maze/mazeclean.c:  for (M = line + E, *line = A =
scanf ("%d", &C); --E; line[E] = M[E] = E)
/usr/share/vim/vim90/macros/maze/mazeclean.c:  for (; (A -= Z = !Z) || (printf
("\n|"), A = 39, C--); Z || printf (T))
/usr/share/vim/vim90/macros/maze/maze.c:char*M,A,Z,E=40,J[40],T[40];main(C)
{for(*J=A=scanf(M="%d",&C);
/usr/share/vim/vim90/macros/maze/maze.c:[E   ]=  E)   printf("._");  for(;(A-
=Z=!Z)  ||  (printf("\n|"
/usr/share/vim/vim90/macros/maze/mazeansi.c:char*M,A,Z,E=40,J[80],T[3];main(C)
{for(M=J+E,*J=A=scanf("%d",&
/usr/share/vim/vim90/macros/maze/mazeansi.c:[E   ]=  E)   printf("._");  for(;
(A-=Z=!Z)  ||  (printf("\n|"
/usr/share/tcltk/tk8.6/tkAppInit.c: *   procedure for wish and other Tk-based
applications.
/usr/share/tcltk/tk8.6/tkAppInit.c: * Copyright (c) 1993 The Regents of the
University of California.
/usr/share/tcltk/tk8.6/tkAppInit.c: * See the file "license.terms" for
information on usage and redistribution of
/usr/share/tcltk/tk8.6/tkAppInit.c: * this file, and for a DISCLAIMER OF ALL
WARRANTIES.
/usr/share/tcltk/tk8.6/tkAppInit.c: * #if checks for that #define and uses
Tcl_AppInit if it doesn't exist.
/usr/share/tcltk/tk8.6/tkAppInit.c: *   This is the main program for the
application.
/usr/share/tcltk/tk8.6/tkAppInit.c: *   This procedure performs application-
specific initialization. Most
/usr/share/tcltk/tk8.6/tkAppInit.c:    Tcl_Interp *interp)             /*
Interpreter for application. */
/usr/share/tcltk/tk8.6/tkAppInit.c:     * Call the init procedures for included
packages. Each call should look
/usr/share/tcltk/tk8.6/tkAppInit.c:     * Call Tcl_CreateObjCommand for
application-specific commands, if they
/usr/share/tcltk/tcl8.6/tclAppInit.c: * procedure for tclsh and other Tcl-based
applications (without Tk).
/usr/share/tcltk/tcl8.6/tclAppInit.c: * Copyright (c) 1993 The Regents of the
University of California.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * See the file "license.terms" for
information on usage and redistribution of
/usr/share/tcltk/tcl8.6/tclAppInit.c: * this file, and for a DISCLAIMER OF ALL
WARRANTIES.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * #if checks for that #define and uses
Tcl_AppInit if it does not exist.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * This is the main program for the
application.
/usr/share/tcltk/tcl8.6/tclAppInit.c: * This procedure performs application-
specific initialization. Most
```

```
/usr/share/tcltk/tcl8.6/tclAppInit.c:    Tcl_Interp *interp)           /*
Interpreter for application. */
/usr/share/tcltk/tcl8.6/tclAppInit.c:     * Call the init procedures for
included packages. Each call should look
/usr/share/tcltk/tcl8.6/tclAppInit.c:     * Call Tcl_CreateCommand for
application-specific commands, if they
/usr/share/doc/gdb/contrib/expect-read1.c:   GNU General Public License for more
details.
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* This program creates a
pipe for the chat process to read. The user
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* can supply information
(like a password) that will be picked up
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:* for instance the chat
script fragment:
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:                prompt
the user for a string to put into the
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:      /* note: this open
won't succeed until chat has the pipe  */
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:      /* open and ready
to read. this makes for nice timing.    */
/usr/share/doc/ppp/examples/scripts/chatchat/chatchat.c:             completely
until chat closes it. */
/usr/share/doc/libexpat1-dev/examples/outline.c:   Must be used with Expat
compiled for UTF-8 output.
/usr/share/doc/libexpat1-dev/examples/outline.c:   Copyright (c) 2000      Clark
Cooper <coopercc@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/outline.c:   Copyright (c) 2001-2003 Fred
L. Drake, Jr. <fdrake@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/outline.c:  for (i = 0; i < *depthPtr; i+
+)
/usr/share/doc/libexpat1-dev/examples/outline.c:  for (i = 0; atts[i]; i += 2) {
/usr/share/doc/libexpat1-dev/examples/outline.c:    fprintf(stderr, "Couldn't
allocate memory for parser\n");
/usr/share/doc/libexpat1-dev/examples/outline.c:      fprintf(stderr, "Couldn't
allocate memory for buffer\n");
/usr/share/doc/libexpat1-dev/examples/outline.c:  } while (! done);
/usr/share/doc/libexpat1-dev/examples/elements.c:   It must be used with Expat
compiled for UTF-8 output.
/usr/share/doc/libexpat1-dev/examples/elements.c:   Copyright (c) 2001-2003 Fred
L. Drake, Jr. <fdrake@users.sourceforge.net>
/usr/share/doc/libexpat1-dev/examples/elements.c:  for (i = 0; i < *depthPtr; i+
+)
/usr/share/doc/libexpat1-dev/examples/elements.c:    fprintf(stderr, "Couldn't
allocate memory for parser\n");
/usr/share/doc/libexpat1-dev/examples/elements.c:      fprintf(stderr, "Couldn't
allocate memory for buffer\n");
/usr/share/doc/libexpat1-dev/examples/elements.c:  } while (! done);
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:  while (1) {
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:  while (1) {
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:        while (line[i]!
=' ') i++;
/usr/share/doc/texlive-doc/cstex/cspsfonts-gen/kernoff.c:        while (line[i]!
=' ') i++;
/usr/share/doc/texlive-doc/generic/docbytex/main.c:  for (i=0; i<argc; i++)
uzasna_funkce(i);
/usr/share/doc/texlive-doc/generic/c-pascal/prog/sun.c:  } while (month!=1);
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:/* A simple filter for
translating TeX screen output from
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:   for(;;) {
/usr/share/doc/texlive-doc/generic/t2/etc/t2filter.c:           for
(c=buf;c<buf+n;c++)
/usr/share/doc/texlive-doc/fonts/libertine/g2ntotex.c:  ch = getc (g2n_file);
while (ch != '\n') { ch = getc (g2n_file);}
/usr/share/doc/texlive-doc/fonts/libertine/g2ntotex.c:  while (fscanf (g2n_file,
```

```
/usr/share/doc/libbit-vector-perl/examples/test.c:/*  Example for using the
BitVector.c library from C  */
/usr/share/doc/libbit-vector-perl/examples/test.c:/*  (Just for playing around;
also shows how one can  */
/usr/share/doc/git/contrib/credential/wincred/git-credential-
wincred.c:__attribute__((format (printf, 1, 2)))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (pos
= wcsstr(str, find); pos; pos = wcsstr(pos + 1, find))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: /*
search for the first credential that matches username */
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (i =
0; i < num_creds; ++i)
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: for (i =
0; i < num_creds; ++i) {
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: while
(fgets(buf, sizeof(buf), stdin)) {
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c:
while (len && strchr("\r\n", buf[len - 1]))
/usr/share/doc/git/contrib/credential/wincred/git-credential-wincred.c: /*
prepare 'target', the unique key for the credential */
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-
osxkeychain.c:__attribute__((format (printf, 1, 2)))
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-osxkeychain.c:
* Require at least a protocol and hostfor removal, which is what git
/usr/share/doc/git/contrib/credential/osxkeychain/git-credential-osxkeychain.c:
while (fgets(buf, sizeof(buf), stdin)) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c: *  GNU General Public License for more details.
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:    * and the other features roughly around Gnome 2.20, 6 months
before.
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c: * Just a guess for the Glib version.  Glib 2.8 was roughly Gnome 2.12
?
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:static void wait_for_request_completion(int *done)
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (!*done)
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     wait_for_request_completion(&done);
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (fgets(buf, 1024, stdin)) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:                     while (*value)
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (try_op->name) {
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     while (try_op->name && strcmp(argv[1], try_op->name))
/usr/share/doc/git/contrib/credential/gnome-keyring/git-credential-gnome-
keyring.c:     /* perform credential operation */
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c: *
GNU General Public License for more details.
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (fgets(buf, 1024, stdin)) {
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (*value)
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (try_op->name) {
/usr/share/doc/git/contrib/credential/libsecret/git-credential-libsecret.c:
while (try_op->name && strcmp(argv[1], try_op->name))
/usr/share/doc/git/contrib/credential/libsecret/git-credential-
libsecret.c:     /* perform credential operation */
/usr/share/doc/git/contrib/coccinelle/tests/unused.c:   use_before(&sb3);
/usr/share/doc/libpam-modules/examples/upperLOWER.c: * This is a sample filter
```

```
program, for use with pam_filter (a module
/usr/share/doc/libpam-modules/examples/upperLOWER.c: * lower case letters, it is
intended for demonstration purposes and
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     for (i=0; i<len; ++i) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     void (*before_user)
(char *,int);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     void (*before_app)(char
*,int);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      for (i=0; environ[i];
++i) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     before_user =
before_app = do_transpose;   /* assign filter functions */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:     for (;;) {
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(APPOUT_FILENO,
&readers);              /* wake for output */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(APPERR_FILENO,
&readers);               /* wake for error */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:      FD_SET(STDIN_FILENO,
&readers);                /* wake for input */
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_user != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_user(buffer, got);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_user != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_user(buffer, got);
/usr/share/doc/libpam-modules/examples/upperLOWER.c:                if
(before_app != NULL)
/usr/share/doc/libpam-modules/examples/upperLOWER.c:
before_app(buffer, got);
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:/* for relief, 0 =>
raised, 1 => sunk, 2 => ridge, 3 => groove */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:double dimple = .3001; /*
size / scrollbar thickness, 0 for none */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   bitmaps for small
sizes and outlines that can be scaled arbitrarily.
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   All recent X releases
come with bitmaps provided by Adobe for Helvetica,
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:   (bitmaps for sizes 8,
10, 11, 12, 14, 17, 18, 20, 24, 25, and 34) */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (j = 0; j < n; j+
+) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (n = 0; str[n] !=
'\0'; n++) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:         for (x = oldend;
x < newend; x++) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:         for (x = oldend
- 1; x >= newend; x--) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= bg.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= shadow.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= hilite.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= trough.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    gc_values.foreground
= fill.pixel;
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       the server and the
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client for each motion, which puts a limit
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       on performance. */
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       clients handle it
fairly poorly; I for one am quite envious of
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:       events, but the
next best thing is to just ignore them until
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:    for (;;) {
/usr/share/doc/libx11-protocol-perl/examples/widgets.c:     while (!select(x_fd
+ 1, &fds, 0, 0, &timeout)) {
/usr/share/doc/libjansson4/examples/json_process.c: * it under the terms of the
MIT license. See LICENSE for details.
/usr/share/doc/libjansson4/examples/json_process.c:#include <fcntl.h> /* for
_O_BINARY */
/usr/share/doc/libjansson4/examples/json_process.c:#include <io.h>    /* for
_setmode() */
/usr/share/doc/libjansson4/examples/json_process.c:    while (*result &&
l_isspace(*result))
/usr/share/doc/libjansson4/examples/json_process.c:    while
(l_isspace(result[length - 1]))
/usr/share/doc/libjansson4/examples/json_process.c:    for (line =
strtok(buffer, "\r\n"); line; line = strtok(NULL, "\r\n")) {
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_INDENT: %d\n", conf.indent);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_REAL_PRECISION: %d\n", conf.precision);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_INDENT: %d\n", indent);
/usr/share/doc/libjansson4/examples/json_process.c:        fprintf(stderr,
"invalid value for JSON_REAL_PRECISION: %d\n", precision);
/usr/share/doc/libjansson4/examples/json_process.c:        while (1) {
/usr/share/doc/libjansson4/examples/json_process.c:    for (i = 1; i < argc; i+
+) {
/usr/share/doc/libimagequant0/examples/example.c:    // This uses lodepng
library for PNG reading (not part of libimagequant)
/usr/share/doc/libimagequant0/examples/example.c:    // Use libimagequant to
make a palette for the RGBA pixels
/usr/share/doc/libimagequant0/examples/example.c:    // This uses lodepng
library for PNG writing (not part of libimagequant)
/usr/share/doc/libimagequant0/examples/example.c:    for(int i=0; i < palette-
>count; i++) {
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    } while (0)
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// Chunk size for buffered reads and
for decompression. Twice this many bytes
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// stream. This avoids appending
empty fixed blocks for every normalization,
/usr/share/doc/zlib1g-dev/examples/gznorm.c:// block are all forced to zeros.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // State while processing the
input gzip stream.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // Process the gzip stream from
in until reaching the end of the input,
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Inflate until the end
of a gzip component (header, deflate
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // block, trailer) is
reached, or until all of the chunk is
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // tracked, for the
calculation of the total CRC.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                // Continue to
process this chunk until it is consumed, or
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                // until the end of
a component (header, deflate block, or
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            } while (strm.avail_out
== 0 && (strm.data_type & 0x80) == 0);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Since strm.avail_in
was > 0 for the inflate call, some input was
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/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // just consumed. It is
therefore assured that put < strm.next_in.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        // block
bit, and check for special cases. If it is a
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        // Some or
all of the three header bits for this block
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                        while (num
>= 8) {
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // except for
the last byte if it contains bits from the
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                            //
Insert num bits from buf before the data being
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                            } while
(put < end);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // boundary. Set
prev appropriately for the next entry into
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    // Check for the
end of the deflate stream.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:                    } while (put <
strm.next_in);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:            // Process the input
buffer until completely consumed.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:        } while (strm.avail_in > 0);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:        // Process input until end
of file, invalid input, or i/o error.
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    } while (more);
/usr/share/doc/zlib1g-dev/examples/gznorm.c:    // Check for any i/o errors.
/usr/share/doc/zlib1g-dev/examples/fitblk.c:                     Use assert()
for internal errors
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   fitblk performs three compression
passes on a portion of the input
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   to the final product, so that the
header for that deflate block and
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   the compression ratio for that
block will be about the same as in
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   before filling the requested
output size, then that compressed
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   that there is enough uncompressed
data for the second pass to fill
/usr/share/doc/zlib1g-dev/examples/fitblk.c:/* compress from file to def until
provided buffer is full or end of
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    } while (def->avail_out != 0 &&
flush == Z_NO_FLUSH);
/usr/share/doc/zlib1g-dev/examples/fitblk.c:/* recompress from inf's input to
def's output; the input for inf and
/usr/share/doc/zlib1g-dev/examples/fitblk.c:   the output for def are set in
those structures before calling;
/usr/share/doc/zlib1g-dev/examples/fitblk.c:        /* compress what was
decompressed until done or no room */
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    } while (ret != Z_STREAM_END &&
def->avail_out != 0);
/usr/share/doc/zlib1g-dev/examples/fitblk.c:#define MARGIN 8        /* amount to
back off for completion */
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    /* allocate memory for buffers
and compression engine */
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    /* compress from stdin until
output full, or no more input */
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    /* it didn't all fit -- set up
for recompression */
/usr/share/doc/zlib1g-dev/examples/fitblk.c:    /* set up for next reocmpression
*/
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   gzlog provides a mechanism for
frequently appending short strings to a gzip
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   strategy is to write the short
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strings in an uncompressed form to the end of
/usr/share/doc/zlib1g-dev/examples/gzlog.c: compressed portion, which is preloaded for the compression of the subsequent
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.dict -- dictionary of the last 32K of data for next compression
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.temp -- temporary dictionary file for compression after this one
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.lock -- lock file for reading and writing the other files
/usr/share/doc/zlib1g-dev/examples/gzlog.c: foo.repairs -- log file for log file recovery operations (not compressed)
/usr/share/doc/zlib1g-dev/examples/gzlog.c: When appending data, the information in the first three items above plus the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: extra field has the necessary information to restore the start of the last
/usr/share/doc/zlib1g-dev/examples/gzlog.c: well as the crc and length of the gzip data before the append operation.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The foo.add file is created before the gzip file is marked for append, and
/usr/share/doc/zlib1g-dev/examples/gzlog.c: some external force, the foo.add file gets deleted between when the append
/usr/share/doc/zlib1g-dev/examples/gzlog.c: When compressing data, the information in the first two items above plus the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The extra field has the necessary information to find the end of the
/usr/share/doc/zlib1g-dev/examples/gzlog.c: to be compressed is missing due to some external force, a gzip file with
/usr/share/doc/zlib1g-dev/examples/gzlog.c: Following is the definition of the extra field with all of the information
/usr/share/doc/zlib1g-dev/examples/gzlog.c: (consistent with the gzip format). File pointers are eight bytes long.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: The crc's and lengths for the gzip trailer are four bytes long. (Note that
/usr/share/doc/zlib1g-dev/examples/gzlog.c: the length at the end of a gzip file is used for error checking only, and
/usr/share/doc/zlib1g-dev/examples/gzlog.c: for large files is actually the length modulo 2^32.) The stored block
/usr/share/doc/zlib1g-dev/examples/gzlog.c: "ap" for append. It is assumed that writing the extra field to the file is
/usr/share/doc/zlib1g-dev/examples/gzlog.c: than any expected block size for a mass storage device (usually 512 bytes or
/usr/share/doc/zlib1g-dev/examples/gzlog.c: stored block in the deflate format. See the bit offset field below.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: for the last stored block of the uncompressed data in the gzip file.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: block header to be updated when a new stored block is added, for the case
/usr/share/doc/zlib1g-dev/examples/gzlog.c: also allows for new compressed data to be appended to the old compressed
/usr/share/doc/zlib1g-dev/examples/gzlog.c: block, or for the compressed data to be terminated and a valid gzip file
/usr/share/doc/zlib1g-dev/examples/gzlog.c: - Perform the append procedure with the provided data.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: stored block from the information in the extra field, in case a previous
/usr/share/doc/zlib1g-dev/examples/gzlog.c: provide a dictionary for the next invocation of this procedure.
/usr/share/doc/zlib1g-dev/examples/gzlog.c: another process before we're done. The deflation is terminated with a
/usr/share/doc/zlib1g-dev/examples/gzlog.c: back, crc's, and lengths, and mark foo.gz as in process for a replacement
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#include "gzlog.h"   /* header for external access */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* Macro for debugging to

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deterministically force recovery operations */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:
longjmp(gzlog_jump, gzlog_bail); } while (0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* how old the lock file can be in
seconds before considering it stale */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   dictionary construction, and <=
204 * MAX_STORE, in order for >> 10 to
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* values for the operation (2 bits)
*/
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT2(p,a) do {(p)[0]=a;(p)
[1]=(a)>>8;} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT4(p,a) do
{PUT2(p,a);PUT2(p+2,a>>16);} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:#define PUT8(p,a) do
{PUT4(p,a);PUT4(p+4,a>>32);} while(0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* internal structure for log
information */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    int fd;         /* file
descriptor for .gz file, opened read/write */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    char *end;      /* end of path,
for appending suffices such as ".gz" */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* gzip header for gzlog */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   file modify time for verification
of ownership.  Return 0 on success, or -1
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    while ((fd = open(log->path,
O_CREAT | O_EXCL, 0644)) < 0) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        sleep(2);       /* relinquish
the CPU for two seconds while waiting */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   for verification of ownership. */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    mask = 0x80 >> ((back - 1) & 7);
/* mask for block last-bit */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    while (len) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   file, since the compress operation
may have been interrupted before that was
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   writing foo.gz fails, or if the
rename fails for some reason other than
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   but before foo.gz is marked as
complete. */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        /* set up for deflate,
allocating memory */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:           } while (strm.avail_out
== 0);
/usr/share/doc/zlib1g-dev/examples/gzlog.c:        } while (len);
/usr/share/doc/zlib1g-dev/examples/gzlog.c:           we know the byte before
that has a one in the top bit, since an
/usr/share/doc/zlib1g-dev/examples/gzlog.c:            while ((*buf & ((uint)1
<< (8 - log->back++))) == 0)
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* Recover the interrupted operation
op.  First read foo.add for recovering an
/usr/share/doc/zlib1g-dev/examples/gzlog.c:   writing the foo.gz file, or if the
foo.gz file is not a proper log file for
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* verify log file and load extra
field information */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* check for interrupted process
and if so, recover */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:/* See gzlog.h for the description of
the external methods below */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* save path and end of path for
name construction */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    log->path = malloc(n + 9);
/* allow for ".repairs" */
/usr/share/doc/zlib1g-dev/examples/gzlog.c:    /* gain exclusive access and
verify log file -- may perform a
/usr/share/doc/zlib1g-dev/examples/gzlog.c:       field information (it probably
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changed), recover last operation if
/usr/share/doc/zlib1g-dev/examples/gzlog.c: /* create space for uncompressed data */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: /* do statement here is just a cheap trick for error handling */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: while (next < len) {
/usr/share/doc/zlib1g-dev/examples/gzlog.c: /* write the dictionary for the next compress to the .temp file */
/usr/share/doc/zlib1g-dev/examples/gzlog.c: } while (0);
/usr/share/doc/zlib1g-dev/examples/gzlog.c: field information (it probably changed), recover last operation if
/usr/share/doc/zlib1g-dev/examples/zpipe.c: 1.1   8 Nov 2004 Add void casting for unused return values
/usr/share/doc/zlib1g-dev/examples/zpipe.c: Use switch statement for inflate() return values
/usr/share/doc/zlib1g-dev/examples/zpipe.c: Avoid some compiler warnings for input and output buffers
/usr/share/doc/zlib1g-dev/examples/zpipe.c:/* Compress from file source to file dest until EOF on source.
/usr/share/doc/zlib1g-dev/examples/zpipe.c: allocated for processing, Z_STREAM_ERROR if an invalid compression
/usr/share/doc/zlib1g-dev/examples/zpipe.c: /* compress until end of file */
/usr/share/doc/zlib1g-dev/examples/zpipe.c: /* run deflate() on input until output buffer not full, finish
/usr/share/doc/zlib1g-dev/examples/zpipe.c: } while (strm.avail_out == 0);
/usr/share/doc/zlib1g-dev/examples/zpipe.c: } while (flush != Z_FINISH);
/usr/share/doc/zlib1g-dev/examples/zpipe.c:/* Decompress from file source to file dest until stream ends or EOF.
/usr/share/doc/zlib1g-dev/examples/zpipe.c: allocated for processing, Z_DATA_ERROR if the deflate data is
/usr/share/doc/zlib1g-dev/examples/zpipe.c: /* decompress until deflate stream ends or end of file */
/usr/share/doc/zlib1g-dev/examples/zpipe.c: /* run inflate() on input until output buffer not full */
/usr/share/doc/zlib1g-dev/examples/zpipe.c: } while (strm.avail_out == 0);
/usr/share/doc/zlib1g-dev/examples/zpipe.c: } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/zran.c: for random access of a compressed file. A file containing a zlib or gzip
/usr/share/doc/zlib1g-dev/examples/zran.c: bytes before getting to the desired block of data.
/usr/share/doc/zlib1g-dev/examples/zran.c: that block is saved to provide a reference for locating a desired starting
/usr/share/doc/zlib1g-dev/examples/zran.c: To use the index, an offset in the uncompressed data is provided, for which
/usr/share/doc/zlib1g-dev/examples/zran.c: the decompression then proceeds until the desired offset in the file is
/usr/share/doc/zlib1g-dev/examples/zran.c: requests for random access reads from the compressed data would try to use
/usr/share/doc/zlib1g-dev/examples/zran.c: There is some fair bit of overhead to starting inflation for the random
/usr/share/doc/zlib1g-dev/examples/zran.c: some lookahead and avoid many calls to deflate_index_extract() for small
/usr/share/doc/zlib1g-dev/examples/zran.c: use of pointers in the state. The approach here allows for storage of the
/usr/share/doc/zlib1g-dev/examples/zran.c: index in point entries, until it is time for deflate_index_build() to
/usr/share/doc/zlib1g-dev/examples/zran.c: information in the gzip or zlib stream */
/usr/share/doc/zlib1g-dev/examples/zran.c: /* check for a gzip stream */
/usr/share/doc/zlib1g-dev/examples/zran.c: /* process all of that, or until end of stream */
/usr/share/doc/zlib1g-dev/examples/zran.c: /* inflate until out of

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input, output, or at end of block --
/usr/share/doc/zlib1g-dev/examples/zran.c:              except for up to seven
bits) -- the totout == 0 provides an
/usr/share/doc/zlib1g-dev/examples/zran.c:        } while (strm.avail_in != 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:    } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/zran.c:    while (--ret && here[1].out <=
offset)
/usr/share/doc/zlib1g-dev/examples/zran.c:    /* skip uncompressed bytes until
offset reached, then satisfy request */
/usr/share/doc/zlib1g-dev/examples/zran.c:    skip = 1;
/* while skipping to offset */
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* uncompress until avail_out
filled, or end of stream */
/usr/share/doc/zlib1g-dev/examples/zran.c:               } while
((strm.data_type & 128) == 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:           /* continue to process the
available input before reading more */
/usr/share/doc/zlib1g-dev/examples/zran.c:        } while (strm.avail_out != 0);
/usr/share/doc/zlib1g-dev/examples/zran.c:        /* do until offset reached and
requested data read */
/usr/share/doc/zlib1g-dev/examples/zran.c:    } while (skip);
/usr/share/doc/zlib1g-dev/examples/zran.c:        fprintf(stderr, "zran: could
not open %s for reading\n", argv[1]);
/usr/share/doc/zlib1g-dev/examples/zran.c:            fprintf(stderr, "zran:
error %d while building index\n", len);
/usr/share/doc/zlib1g-dev/examples/infcover.c:   allocations and deallocations,
check for LIFO operations, keep a current
/usr/share/doc/zlib1g-dev/examples/infcover.c:   total memory that can be
allocated, and when done check for memory leaks.
/usr/share/doc/zlib1g-dev/examples/infcover.c:                              memory
tracking for all zlib operations on strm
/usr/share/doc/zlib1g-dev/examples/infcover.c:                              for
the tracking as well as leaked zlib blocks, if
/usr/share/doc/zlib1g-dev/examples/infcover.c:
allocated, then "msg" and information about the
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* these items are strung together
in a linked list, one for each allocation */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    /* perform allocation using
the standard library, fill memory with a
/usr/share/doc/zlib1g-dev/examples/infcover.c:    /* create a new item for the
list */
/usr/share/doc/zlib1g-dev/examples/infcover.c:           } while (next != NULL
&& next->ptr != ptr);
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* set up a controlled memory
allocation space for monitoring, set the stream
/usr/share/doc/zlib1g-dev/examples/infcover.c:    while (item != NULL) {
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (*hex++);       /* go
through the loop with the terminating null */
/usr/share/doc/zlib1g-dev/examples/infcover.c:   header information is collected
with inflateGetHeader().  If a zlib stream
/usr/share/doc/zlib1g-dev/examples/infcover.c:   is looking for a dictionary,
then an empty dictionary is provided.
/usr/share/doc/zlib1g-dev/examples/infcover.c:   inflate() is run until all of
the input data is consumed. */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (strm.avail_in);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 0", "force window
allocation", 0, -15, 1, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 18 5", "force window
replacement", 0, -8, 259, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    inf("63 18 68 30 d0 0 0",
"force split window update", 4, -8, 259, Z_OK);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    mem_done(&strm,
"miscellaneous, force memory errors");
/usr/share/doc/zlib1g-dev/examples/infcover.c:/* input and output functions for
```

```
inflateBack() */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        state->mode = SYNC;     /*
force an otherwise impossible situation */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    return desc != Z_NULL;      /*
force error if desc not null */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        /* force output error */
/usr/share/doc/zlib1g-dev/examples/infcover.c:        /* force mode error by
mucking with state */
/usr/share/doc/zlib1g-dev/examples/infcover.c:    } while (strm.avail_in ||
strm.avail_out == 0);
/usr/share/doc/zlib1g-dev/examples/infcover.c:    for (bits = 0; bits < 15;
bits++)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:  warranty.  In no event will the
author be held liable for any damages
/usr/share/doc/zlib1g-dev/examples/gzappend.c:  Permission is granted to anyone
to use this software for any purpose,
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Remove
some debugging information in error messages
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Use new
data_type definition for zlib 1.2.1
/usr/share/doc/zlib1g-dev/examples/gzappend.c: * 1.2  11 Oct 2012     - Fix for
proper z_const usage
/usr/share/doc/zlib1g-dev/examples/gzappend.c: *                      - Check
for input buffer malloc failure
/usr/share/doc/zlib1g-dev/examples/gzappend.c:   the byte that contains it.
Seeking forward, the last byte of the compressed
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    while (a && b)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (a - c >= c)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (b - c >= c)
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        for (;;) {
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (--cycles);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:/* structure for gzip file read
operations */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    char *name;                 /*
file name for error messages */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    if (flags & 8) while
(read1(in) != 0) ;
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    if (flags & 16) while
(read1(in) != 0) ;
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    /* decompress the deflate
stream, saving append information */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        /* inflate and check for
errors */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            bye("invalid
compressed data--format violated in", name);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    /* check gzip trailer and save
total for deflate */
/usr/share/doc/zlib1g-dev/examples/gzappend.c:            while (left) {
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (strm->avail_out
== 0 && ret != Z_STREAM_END);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:    } while (len != 0);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (len);
/usr/share/doc/zlib1g-dev/examples/gzappend.c:        } while (*++argv != NULL);
/usr/share/doc/zlib1g-dev/examples/enough.c:                        As inflate
does, decrease root for short codes
/usr/share/doc/zlib1g-dev/examples/enough.c:   1.3  17 Feb 2008  Add argument
for initial root table size
/usr/share/doc/zlib1g-dev/examples/enough.c:                        Fix bug for
initial root table size == max - 1
/usr/share/doc/zlib1g-dev/examples/enough.c:   1.5   5 Aug 2018  Clean up code
style, formatting, and comments
/usr/share/doc/zlib1g-dev/examples/enough.c:                        Show all the
codes for the maximum, and only the maximum
```

/usr/share/doc/zlib1g-dev/examples/enough.c: Examine all possible prefix codes for a given number of symbols and a
/usr/share/doc/zlib1g-dev/examples/enough.c: maximum code length in bits to determine the maximum table size for zlib's
/usr/share/doc/zlib1g-dev/examples/enough.c: in the same code for the counting, as do permutations of the assignments of
/usr/share/doc/zlib1g-dev/examples/enough.c: The inflate Huffman decoding algorithm uses two-level lookup tables for
/usr/share/doc/zlib1g-dev/examples/enough.c: in length (root == 9 for literal/length codes and root == 6 for distance
/usr/share/doc/zlib1g-dev/examples/enough.c: The inflate algorithm also provides for small values of root (relative to
/usr/share/doc/zlib1g-dev/examples/enough.c: In order to speed up the examination (by about ten orders of magnitude for
/usr/share/doc/zlib1g-dev/examples/enough.c: required for this will increase rapidly with the total number of symbols and
/usr/share/doc/zlib1g-dev/examples/enough.c: for the vast speedup.
/usr/share/doc/zlib1g-dev/examples/enough.c: are used to look at all sub-codes from those junctures for their inflate
/usr/share/doc/zlib1g-dev/examples/enough.c: identifying the reachable nodes, accounts for about six of the orders of
/usr/share/doc/zlib1g-dev/examples/enough.c: magnitude of improvement for the default arguments. About another four
/usr/share/doc/zlib1g-dev/examples/enough.c: for the default arguments of 286 symbols limited to 15-bit codes.
/usr/share/doc/zlib1g-dev/examples/enough.c: Note that the uintmax_t type is used for counting. It is quite easy to
/usr/share/doc/zlib1g-dev/examples/enough.c: The uintmax_t type is also used for calculating the number of possible codes
/usr/share/doc/zlib1g-dev/examples/enough.c:typedef uintmax_t big_t;   // type for code counting
/usr/share/doc/zlib1g-dev/examples/enough.c:#define PRIbig "ju"   // printf format for big_t
/usr/share/doc/zlib1g-dev/examples/enough.c:typedef uintmax_t code_t;   // type for bit pattern counting
/usr/share/doc/zlib1g-dev/examples/enough.c:struct tab {   // type for been-here check
/usr/share/doc/zlib1g-dev/examples/enough.c:/* The array for saving results, num[], is indexed with this triplet:
/usr/share/doc/zlib1g-dev/examples/enough.c: The offset into the array is calculated for the three indices with the first
/usr/share/doc/zlib1g-dev/examples/enough.c: the array with length max-1 lists for the len index, with syms-3 of those
/usr/share/doc/zlib1g-dev/examples/enough.c: for each symbol. There are totsym-2 of those, with each one varying in
/usr/share/doc/zlib1g-dev/examples/enough.c: length as a function of sym. See the calculation of index in map() for the
/usr/share/doc/zlib1g-dev/examples/enough.c: index, and the calculation of size in main() for the size of the array.
/usr/share/doc/zlib1g-dev/examples/enough.c: has 284,284 entries, taking up 2.17 MB for an 8-byte big_t. More than half
/usr/share/doc/zlib1g-dev/examples/enough.c: of the space allocated for saved results is actually used -- not all
/usr/share/doc/zlib1g-dev/examples/enough.c:/* The array for tracking visited states, done[], is itself indexed identically
/usr/share/doc/zlib1g-dev/examples/enough.c: to the num[] array as described above for the (syms, left, len) triplet.
/usr/share/doc/zlib1g-dev/examples/enough.c: not. Since the ranges for mem and rem are not known a priori, each bit
/usr/share/doc/zlib1g-dev/examples/enough.c: memory usage, with eight times the range for mem than for rem. See the
/usr/share/doc/zlib1g-dev/examples/enough.c: calculations for offset and bit in been_here() for the details.
/usr/share/doc/zlib1g-dev/examples/enough.c:// Type for a variable-length,

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allocated string.
/usr/share/doc/zlib1g-dev/examples/enough.c:// Each call appends to s. The
allocated space for s is increased as needed.
/usr/share/doc/zlib1g-dev/examples/enough.c:        } while (s->size < s->len +
1);
/usr/share/doc/zlib1g-dev/examples/enough.c:    int max;            // maximum
allowed bit length for the codes
/usr/share/doc/zlib1g-dev/examples/enough.c:    string_t out;       // display
of subcodes for maximum tables size
/usr/share/doc/zlib1g-dev/examples/enough.c:    big_t *num;         // saved
results array for code counting
/usr/share/doc/zlib1g-dev/examples/enough.c:// Index function for num[] and
done[].
/usr/share/doc/zlib1g-dev/examples/enough.c:        for (size_t n = 0; n <
g.size; n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // available for the remaining
symbols at the maximum length (if there were
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int use = least; use <=
most; use++) {
/usr/share/doc/zlib1g-dev/examples/enough.c:// Return true if we've been here
before, set to true if not. Set a bit in a
/usr/share/doc/zlib1g-dev/examples/enough.c:    // point to vector for
(syms,left,len), bit in vector for (mem,rem)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // we haven't been here before
-- set the bit to show we have now
/usr/share/doc/zlib1g-dev/examples/enough.c:            } while (length <=
offset);
/usr/share/doc/zlib1g-dev/examples/enough.c:            while (length <= offset)
/usr/share/doc/zlib1g-dev/examples/enough.c:        while (rem < left) {
/usr/share/doc/zlib1g-dev/examples/enough.c:            // compute the starting
state for this sub-code
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int bits = g.max;
bits > g.root; bits--) {
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int bits = g.root +
1; bits <= g.max; bits++)
/usr/share/doc/zlib1g-dev/examples/enough.c:    // available for the remaining
symbols at the maximum length (if there were
/usr/share/doc/zlib1g-dev/examples/enough.c:    while (rem < use) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (use = least; use <= most;
use++) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int n = 0; n <= g.max; n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:        for (int n = 3; n <= syms;
n++)
/usr/share/doc/zlib1g-dev/examples/enough.c:            for (int left = 2; left
< n; left += 2) {
/usr/share/doc/zlib1g-dev/examples/enough.c:    printf("maximum of %d table
entries for root = %d\n", g.large, g.root);
/usr/share/doc/zlib1g-dev/examples/enough.c:// Examine and show the total number
of possible prefix codes for a given
/usr/share/doc/zlib1g-dev/examples/enough.c:// are 286, 9, and 15 respectively,
for the deflate literal/length code. The
/usr/share/doc/zlib1g-dev/examples/enough.c:// possible codes are counted for
each number of coded symbols from two to the
/usr/share/doc/zlib1g-dev/examples/enough.c:// maximum. The counts for each of
those and the total number of codes are
/usr/share/doc/zlib1g-dev/examples/enough.c:    // set up globals for cleanup()
/usr/share/doc/zlib1g-dev/examples/enough.c:    for (code_t word = 1; word; word
<<= 1)
/usr/share/doc/zlib1g-dev/examples/enough.c:        fputs("abort: code length
too long for internal types\n", stderr);
/usr/share/doc/zlib1g-dev/examples/enough.c:    // determine size of saved
results array, checking for overflows,
/usr/share/doc/zlib1g-dev/examples/enough.c:    // count possible codes for all
numbers of symbols, add up counts
```

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/usr/share/doc/zlib1g-dev/examples/enough.c:    for (int n = 2; n <= syms; n++)
{
/usr/share/doc/zlib1g-dev/examples/enough.c:    printf("%"PRIbig" total codes
for 2 to %d symbols", sum, syms);
/usr/share/doc/zlib1g-dev/examples/enough.c:    // allocate and clear done array
for been_here()
/usr/share/doc/zlib1g-dev/examples/minigzip.c: * very limited. So use minigzip
only for testing; use gzip for the
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#  include <unix.h> /* for fileno
*/
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#ifndef WIN32 /* unlink already in
stdio.h for WIN32 */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:   for ERROR come from
GetLastError.
/usr/share/doc/zlib1g-dev/examples/minigzip.c:   /* Needed for systems with
limitation on stack size. */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:/* for Z_SOLO, create simplified
gz* functions using deflate and inflate */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:#  include <unistd.h>       /* for
unlink() */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    } while (strm->avail_out ==
0);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    } while (strm->avail_out);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:        } while (strm->avail_out
== 0);
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    caddr_t buf;    /* mmap'ed
buffer for the entire input file */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    /* Determine the size of the
file, needed for mmap: */
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:    while (argc > 0) {
/usr/share/doc/zlib1g-dev/examples/minigzip.c:        } while (argv++, --argc);
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:  warranty.  In no event will the
author be held liable for any damages
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:  Permission is granted to anyone to
use this software for any purpose,
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: * 1.1  12 Jun 2005     - Changed
ssize_t to long for portability
/usr/share/doc/zlib1g-dev/examples/gzjoin.c: * 1.2  14 Aug 2012     - Clean up
for z_const usage
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:   crc32 for the concatenated
uncompressed data.  gzjoin does however have to
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    char *name;             /* name
of file for error messages */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:/* open a buffered file for input,
return a pointer to type bin, or NULL on
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    } while (len != 0 && in->left <
CHUNK);
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:               for end-of-file with
a read */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:        while (bget(in) != 0)
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:        while (bget(in) != 0)
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:/* Write header for gzip file to out
and initialize trailer. */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:   crc and length (modulo 2^32) of
the output for the trailer.  The resulting
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:   gzip file is written to out.
gzinit() must be called before the first call
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    unsigned char *junk;    /*
buffer for uncompressed data -- discarded */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    /* allocate buffer for
uncompressed data and initialize raw inflate
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    for (;;) {
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/usr/share/doc/zlib1g-dev/examples/gzjoin.c:        /* check for block boundary
(only get this when block copied out) */
/usr/share/doc/zlib1g-dev/examples/gzjoin.c:    while (argc--)
/usr/share/doc/zlib1g-dev/examples/example.c:    while (c_stream.total_in != len
&& c_stream.total_out < comprLen) {
/usr/share/doc/zlib1g-dev/examples/example.c:        c_stream.avail_in =
c_stream.avail_out = 1; /* force small buffers */
/usr/share/doc/zlib1g-dev/examples/example.c:    /* Finish the stream, still
forcing small buffers: */
/usr/share/doc/zlib1g-dev/examples/example.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/example.c:    while (d_stream.total_out <
uncomprLen && d_stream.total_in < comprLen) {
/usr/share/doc/zlib1g-dev/examples/example.c:        d_stream.avail_in =
d_stream.avail_out = 1; /* force small buffers */
/usr/share/doc/zlib1g-dev/examples/example.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/example.c:    compr[3]++; /* force an error
in first compressed block */
/usr/share/doc/zlib1g-dev/examples/example.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c:   1.0  16 Feb 2003  First version for
testing of inflateBack()
/usr/share/doc/zlib1g-dev/examples/gun.c:                     Fix return value
for in()
/usr/share/doc/zlib1g-dev/examples/gun.c:                     Add typecasting
for void * structures
/usr/share/doc/zlib1g-dev/examples/gun.c:                     Add -h option for
command version and usage
/usr/share/doc/zlib1g-dev/examples/gun.c:   1.3  12 Jun 2005  Add casts for
error messages [Oberhumer]
/usr/share/doc/zlib1g-dev/examples/gun.c:   1.7  12 Aug 2012  Update for z_const
usage in zlib 1.2.8
/usr/share/doc/zlib1g-dev/examples/gun.c:   listed files or stdin will be tested
as gzip files for integrity (without
/usr/share/doc/zlib1g-dev/examples/gun.c:   checking for a proper suffix), no
output will be written, and no files
/usr/share/doc/zlib1g-dev/examples/gun.c:#define PIECE 16384         /* limits
i/o chunks for 16-bit int case */
/usr/share/doc/zlib1g-dev/examples/gun.c:/* structure for infback() to pass to
input function in() -- it maintains the
/usr/share/doc/zlib1g-dev/examples/gun.c:   pointer to them.  read() is called
until the buffer is full, or until it
/usr/share/doc/zlib1g-dev/examples/gun.c:    } while (ret != 0 && len < SIZE);
/usr/share/doc/zlib1g-dev/examples/gun.c:/* structure for infback() to pass to
output function out() -- it maintains the
/usr/share/doc/zlib1g-dev/examples/gun.c:   bytes output, both for checking
against the gzip trailer.  (The length in
/usr/share/doc/zlib1g-dev/examples/gun.c:   is called until all of the output is
written or an error is encountered.
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (len != 0);
/usr/share/doc/zlib1g-dev/examples/gun.c:/* next input byte macro for use inside
lunpipe() and gunpipe() */
/usr/share/doc/zlib1g-dev/examples/gun.c:/* memory for gunpipe() and lunpipe()
--
/usr/share/doc/zlib1g-dev/examples/gun.c:unsigned char match[65280 + 2];
/* buffer for reversed match or gzip
/usr/share/doc/zlib1g-dev/examples/gun.c:   aspect of the compressed data format
derived from an implementation that
/usr/share/doc/zlib1g-dev/examples/gun.c:    } while (0)
/usr/share/doc/zlib1g-dev/examples/gun.c:   of buffered input at next.  strm is
used for passing error information back
/usr/share/doc/zlib1g-dev/examples/gun.c:   lunpipe() will return Z_OK on
success, Z_BUF_ERROR for an unexpected end of
/usr/share/doc/zlib1g-dev/examples/gun.c:   not equal to Z_NULL), or
Z_DATA_ERROR for invalid input.
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned mask;             /* mask
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for current bits codes */
/usr/share/doc/zlib1g-dev/examples/gun.c:    int max;                    /*
maximum bits per code for this stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned final;             /* last
character written for previous code */
/usr/share/doc/zlib1g-dev/examples/gun.c:    unsigned stack;             /* next
position for reversed string */
/usr/share/doc/zlib1g-dev/examples/gun.c:       don't create a table entry until
the next code */
/usr/share/doc/zlib1g-dev/examples/gun.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        while (code >= 256) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* set previous code for next
iteration */
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* write output in forward
order */
/usr/share/doc/zlib1g-dev/examples/gun.c:        while (stack > SIZE - outcnt) {
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (outcnt < SIZE)
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (p > match);
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* loop for next code with
final and prev as the last match, rem and
/usr/share/doc/zlib1g-dev/examples/gun.c:    first = 1;
/* looking for first gzip header */
/usr/share/doc/zlib1g-dev/examples/gun.c:    for (;;) {
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* look for the two magic
header bytes for a gzip stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (len > have) {
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (NEXT() != 0 &&
last != -1)
/usr/share/doc/zlib1g-dev/examples/gun.c:            while (NEXT() != 0 &&
last != -1)
/usr/share/doc/zlib1g-dev/examples/gun.c:        /* go back and look for another
gzip stream */
/usr/share/doc/zlib1g-dev/examples/gun.c:/* Copy file attributes, from -> to, as
best we can.  This is best effort, so
/usr/share/doc/zlib1g-dev/examples/gun.c:   decompress without writing and check
the gzip trailer for integrity.  If
/usr/share/doc/zlib1g-dev/examples/gun.c:    /* initialize inflateBack state for
repeated use */
/usr/share/doc/zlib1g-dev/examples/gun.c:        } while (argv++, --argc);
sec36353@raspberrypi2025:~/PL/trab3 $ Get-History
-bash: Get-History: command not found
sec36353@raspberrypi2025:~/PL/trab3 $ history > my_history2.txt
sec36353@raspberrypi2025:~/PL/trab3 $ cp ~/.bash_history my_history2.txt
sec36353@raspberrypi2025:~/PL/trab3 $ cat ~/.bash_history
ls /home
pwd
mkdir PL
pwd
cd PL
pwd
mkdir trab1
cd trab1
pwd
mkdir sala
cd sala
pwd
mkdir computador1
cd computador1
mdir docente
mkdir aluno
mkdir docente
pwd
cd docente
ls -l
```

```
cp computador1
cp computador1 computador2
ls
pwd
cd computador1
cd sala
cd ..
pwd
ls
cd computador1
ls
cd ..
cp -r computador1 computador2
cp -r computador1 computador3
cp -r computador1 computador4
cp -r computador1 computador5
cp -r computador1 computador6
cp -r computador1 computador7
cp -r computador1 computador8
cp -r computador1 computador9
cp -r computador1 computador10
pwd
ls
cd computador4
pwd
ls
cd computador1
cd..
cd ..
cd computador1
cd aluno
mkdir etc
ls
cat /etc/passwd
cp /etc/passwd etc/passwd
cd ..
ls
sala
cpsala
cp sala
cd sala
ls
cd computador1
ls
cd aluno
ls
cd etc
ls
cd paswwd
cd passwd
diff
diff etc/passwd_absolute etc/passwd
cp /etc/passwd etc/passwd_absolute
cd ..
pwd
cp /etc/passwd etc/passwd
cd /etc
pwd
ls
cp --kelp
cp --help
cd ..
cd home
pwd
```

```
ls
cd sec36353
ls
pwd
cd PL
LS
ls
cd trab1
ls
cd sala
ls
cd computador1
ls
cd aluno
ls
etc
cd etc
ls
rm passwd
ls
cd ..
cp /etc/passwd etc/passwd_absolute
ls
cd etc
ls
cd ..
cp ../../../../../../etc/passwd etc/passwd_relative
cp ..
cd ..
cp etc/passwd ~/PL/trab1/sala/computador1/aluno/etc/passwd_relative
cd /
cp etc/passwd /home/sec36353/PL/trab1/sala/computador1/aluno/etc/passwd_relative
ls
cd sec36353
cd home
cd sec36353
ls
pwd
ls
cd PL
ls
cd trab1
ls
cd sala
ls
cd computador1
ls
cd aluno
ls
cd etc
ls
cd ~/PL/trab1/sala/computador1/aluno
diff etc/passwd_absolute etc/passwd_relative
mv etc/passwd_absolute ../../computador2/docente
cd ..
ls
cd computador2
lsw
ls
cd docente
ls
cat passwd_absolute
cd ..
cd computador1
```

```
ln -s ../../computador2/docente docente2
cd ..
cd computador2
ls
cd docente
ls
cd ..
ln -s ../computador3/docente computador2/docente/docente3
cd docente
ln -s ../../computador3/docente docente3
cd ~/PL/trab1/sala/computador3/docente
ln -s ../../computador4/docente docente4
cd ~/PL/trab1/sala/computador4/docente
ln -s ../../computador5/docente docente5
cd ~/PL/trab1/sala/computador5/docente
ln -s ../../computador6/docente docente6
cd ~/PL/trab1/sala/computador6/docente
ln -s ../../computador7/docente docente7
cd ~/PL/trab1/sala/computador7/docente
ln -s ../../computador8/docente docente8
cd ~/PL/trab1/sala/computador8/docente
ln -s ../../computador9/docente docente9
cd ~/PL/trab1/sala/computador9/docente
ln -s ../../computador10/docente docente10
cd ~/PL/trab1/sala/computador10/docente
ln -s ../../computador1/docente docente1
cd ~/PL/trab1/sala/computador2/docente
ls -l
ls
cd ~/PL/trab1/sala/computador2/docente
rm "passwd absolute"
rm passwd absolute
rm passwd_absolute
cd ~/PL/trab1
ls -R
history
cd ..
history > historytxt
ls
logout
ls home
ls /home
pwd
ls
cd PL
ls
cd trab1
cd PL
cd ..
mkdir trab2
cd trab2
ls -l/dev/a*
ls -l /dev/a*
ls -l /etc/*conf
ls -l /dev/tty
ls -l /dev/tty[10-19]
ls -l /dev/tty1[0-9]
ls -l  /dev/tty1[5-9] /dev/tty2[0-4]
/history > historytxt
/history > my_history.txt
logout
ls
cd PL
pwd
```

```
cd ..
ls
cat history.txt
history
cd PL
ls
cd trab1
ls
cd sala
ls
cd computador
cd computador1
ls
cd aluno
ls
sort/etc/services > services
cd etc
sort/etc/services > services
cd etc
ls
cd services
ls
sort /etc/services > services
ls
sort /etc/services
sort /etc/services | uniq > uniqServices
diff servvices uniqservices
diff services uniqServices
cat > meuPrimeiroFicheiro
cat meuPrimeiroFicheiro >> uniqServices
nl uniqServices > numbered
ls ?DFGHJKL:"
\



dffrfrf
ls - l /etc | tee etcDir | more
history > historico2.txt
history > ~/Desktop/historico2.txt
history > historytxt
history > history2txt
logout
pwd
ls
cd PL
ls
mkdir trab3
ls
cd trab3
head 24 /etc/services < p24
head -n 24 /etc/services > p24
ls
tail -n 35 /etc/services > u35
ls
w /etc/mine.types~
wc /etc/mime.types
wc -/etc/mime.types
WC
wc -L /etc/mimes.types
WC -L /etc/mime.types
wc -L /etc/mime.types
```

```
wc /etc/*conf 2> /dev/null
split -l 25 /etc/services rc
cat  rc >rc.services
cat rc* > rc.services
ls
cat rc* > rc.services
cat rc?? > rc.services
ls
wc -l rc.services
wc -l /etc/services
ls
touch aTeste.html
find / -name "a*html 2> /dev/null
ls

ls
find / -name "a*html" 2> /dev/null
ls
find /etc -name "*conf" -exec c {} . \; 2> /dev/null
grep -r "stddef" /usr/include/*.h
grep -r "^typedef struct" /usr/include/*.h
grep -r ";$" /usr/include/*.h
grep -r ";$" /usr/include/*.h | wc -l
grep -r ";" /usr/include/*.h | wc -l
logout
sec36353@raspberrypi2025:~/PL/trab3 $
```